

19990325.qrp v01_n406.qrl.990325

Date: Thu, 25 Mar 1999 19:04:03 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1406

QRP-L Digest 1406

Topics covered in this issue include:

- 1) [36465] ARRL Membership with Periodicals CD.
by "Vincent Ferme" <vferme@sprint.ca>
- 2) [36466] Test-don't read
by <aa5yx@juno.com>
- 3) [36467] Re: New NorCal Kit Announcement
by Jim <w7ls@blarg.net>
- 4) [36468] Atlanticon Itinerary and Times (Long)
by "George Heron" <n2apb@erols.com>
- 5) [36469] Radio Yugoslavia
by Steve <smann@advi.net>
- 6) [36470] Vibroplex Original Deluxe
by "Ross S. Crossland" <rossgolf@flash.net>
- 7) [36471] Iowa QRP meeting this Saturday March 27, 1999
by "John Burnley" <burnley-ia@worldnet.att.net>
- 8) [36472] AC5 Tuner Sold
by "Tim Cook" <timcook@erinet.com>
- 9) [36473] psk31 setup
by "Mark Paley" <mpaley@wcnet.org>
- 10) [36474] DL-QRP-PA English Instructions - HELP
by J38AL@aol.com
- 11) [36475] NEED HELP WITH DRIFTING PSK31
by hamjoel@juno.com
- 12) [36476] WTB: 30M QRP Rig
by "Tim Cook" <timcook@erinet.com>
- 13) [36477] First CW Net
by "Mark Hogan" <mhogan@email.msn.com>
- 14) [36478] C.W Reflectors
by Fred Lesnick <flesnick@tbaytel.net>
- 15) [36479] Oh Happy Day
by Bradford D Bilbrey <bigdawg74@juno.com>
- 16) [36480] Great new tool: Power Nibbler
by "Ed Tanton" <n4xy@mindspring.com>
- 17) [36481] KK7B Binaural Info available
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 18) [36482] TEST
by John Pate <kb4utv@netscape.net>
- 19) [36483] Re: ARRL Membership with Periodicals CD.

- by N7YA@aol.com
- 20) [36484] WTB: cascade
by N9YAI@aol.com
- 21) [36485] travelin' to Atlanticon
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 22) [36486] FS: TT Scout w/ 5 modules
by "Paul R. Valko" <prvalko@oakland.edu>
- 23) [36487] Re: QRPTTF from NH/ME Border
by k5zty@juno.com
- 24) [36488] junk vcr?
by Paul Erickson <paule@sfu.ca>
- 25) [36489] Military operating frequencies
by "Tom Moll" <tomm@xata.com>
- 26) [36490] Re: New NorCal Kit Announcement
by Chuck Adams <adams@ticnet.com>
- 27) [36491] Re: What is the difference?
by David Fifield <fifield@pacbell.net>
- 28) [36492] Re: Military operating frequencies
by Jim <w7ls@blarg.net>
- 29) [36493] Red Hot Radio - Update
by David Fifield <fifield@pacbell.net>
- 30) [36494] K2 and Chuck Adams
by Jay Bromley <w5jay@alltel.net>
- 31) [36495] Thanks to all
by Mercxx@aol.com
- 32) [36496] AW: DL-QRP-PA English Instructions - HELP
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 33) [36497] Re: Spelling....
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 34) [36498] SOLD was 38 Special problem,,, Sell or Build?
by Michael Neverdosky <MichaelN@cycat.com>
- 35) [36499] Re: Oh Happy Day
by Bruce Muscolino <w6toy@erols.com>
- 36) [36500] Re: What is the difference?
by "Radman" <radman@best.com>
- 37) [36501] Re: hand key tie tac, clip, update
by Scott Howell <showell@hq.nasa.gov>
- 38) [36502] Re: Controlled Bandwidth, CW, RTTY and PSK31?
by Zack Lau <zlau@arrl.org>
- 39) [36503] Re: New and Radio
by Brian Murrey <brian@iquest.net>
- 40) [36504] Re: New NorCal Kit Announcement
by John Levreault <jlevro@mediaone.net>
- 41) [36505] Re: NC-20 U5 Upgrade
by John Levreault <jlevro@mediaone.net>
- 42) [36506] FS items - see me at Atlanticon
by n2cx@voicenet.com
- 43) [36507] Re: What is the difference?

- by "Mike Yetsko" <myetsko@insydesw.com>
- 44) [36508] Re: FS items - see me at Atlanticon
by n2cx@voicenet.com
- 45) [36509] RE: C.W Reflectors
by mike1@urbancom.net (Dinelli, Michael)
- 46) [36510] Thanks!
by Jeff Johns <jeffj@scott.net>
- 47) [36511] PSK31 & THE CAJUN TWO STEP
by hamjoel@juno.com
- 48) [36512] Resistor organizer... ?
by "Radman" <radman@best.com>
- 49) [36513] AR QRP 40m Net results
by Robsparks@aol.com
- 50) [36514] 2N4416 anyone have one?
by Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
- 51) [36515] Component storage / Contractor's Briefcase
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 52) [36516] FS Not QRP - KW TS530SP
by Bill Nicolson <n2wf@erols.com>
- 53) [36517] Re: Component storage / Contractor's Briefcase
by Chris Cartwright <ccart@dns.vidtel.com>
- 54) [36518] Re: FS items - see me at Atlanticon
by n2cx@voicenet.com
- 55) [36519] resistor storage
by Roy <marion@montana.com>
- 56) [36520] Re: PSK31 & THE CAJUN TWO STEP
by "Radman" <radman@best.com>
- 57) [36521] ? on TenTec Scout
by <aa5yx@juno.com>
- 58) [36522] Re: Resistor organizer... ?
by "Hugo W. Catta" <hugo@banet.net>
- 59) [36523] Grounding systems for new construction
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 60) [36524] Re: Ten Tec Scout
by Chuck Leskie <cleskie@um-f1.umd.umich.edu>
- 61) [36525] Atlanticon Prizes Update!
by "David Maliniak" <dmaliniak@penton.com>
- 62) [36526] HF virgin seeks experience
by "Christopher Brewster" <brewsq@excite.com>
- 63) [36527] NorCal Resistor Kit Response - WOW!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 64) [36528] Portable CD and amplified speakers needed for K5F0 talk
by PDouglas12@aol.com
- 65) [36529] Re: Ten Tec Scout
by W5TB <w5tb@SoftHome.net>
- 66) [36530] What to do with 2000 resistors
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
- 67) [36531] Gel Cell Info--Formal Thanks

by Don Lefrancois <wb1cdh@cwix.com>
68) [36532] NC-20 AFA Problem
by Theodore Wong <wong_th@eng.printronix.com>
69) [36533] resistors
by "Jerry W. O'Dell" <jwodell@ameritech.net>
70) [36534] 2N4416...Got one! TNX.
by Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
71) [36535] Query on NorCal Kit pricing
by Michael Fletcher <kl7ixi@usa.net>
72) [36536] atlanticon xportation fri eve
by John Evans <jaevans@codenet.net>
73) [36537] Have a CD player for K5F0, thanks
by PDouglas12@aol.com
74) [36538] Re: NC20 problem (section 10 - AFA)
by "Michael A. Gipe" <mgipe@reliablemeters.com>
75) [36539] Re: QRPTTF from NH/ME Border
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
76) [36540] Birth announcement photo
by "Michael A. Gipe" <mgipe@reliablemeters.com>
77) [36541] birth announcement
by "Michael A. Gipe" <mgipe@reliablemeters.com>
78) [36542] Band to start on
by william h ross <k6mgo@juno.com>
79) [36543] Re: Resistor organizer... ?
by tf3vst@vortex.is (Villi Idunni)
80) [36544] NorCal Resistor Kit pricing
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
81) [36545] Re: QRPTTF from NH/ME Border
by "Mike Yetsko" <myetsko@insydesw.com>
82) [36546] Re: ? on TenTec Scout
by "Bruce Prior" <n7rr@hotmail.com>
83) [36547] New resistors vs. old resistors
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
84) [36548] WI QRP Club
by Bcieslak@ra.rockwell.com
85) [36549] Inverted *V* antenna update
by RangerSF5@aol.com
86) [36550] RE: HF virgin seeks experience
by "Ed Tanton" <n4xy@mindspring.com>
87) [36551] K2 on PSK31... clarification
by "Radman" <radman@best.com>
88) [36552] Gel Cell Recap
by Don Lefrancois <wb1cdh@cwix.com>
89) [36553] RE: HF virgin seeks experience
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
90) [36554] re: atlanticon xportation fri eve
by John Evans <jaevans@codenet.net>
91) [36555]

- by "lane cox" <lanecox@hotmail.com>
- 92) [36556] Cajun two step... and pssssssk31 waltz
by hamjoel@juno.com
- 93) [36557] WM SSB and Contental kit info thanks for the replys
by Randy Randall <RANDALLR@Healthall.com>
- 94) [36558] Re: QRPTTF from NH/ME Border
by W5TB <w5tb@SoftHome.net>
- 95) [36559] FS: Icom IC-737A complete station & Butternut HF2V Vertical Antenna
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 96) [36560] RE: K2 on PSK31... clarification
by "John L. Sielke" <n4js@pobox.com>
- 97) [36561] keyer + SW40+ = awful sidetone
by Andy C Meng <andymeng@juno.com>
- 98) [36562] How would a 5/8 wave dipole work?
by "Justin McAllister" <kd5ako@hotmail.com>
- 99) [36563] Re: How would a 5/8 wave dipole work?
by Allan G Taylor <k7gt@arrl.net>
- 100) [36564] Re: 30M offset
by "Marshall Emm" <mgemm@mtechnologies.com>
- 101) [36565] Re: ? on TenTec Scout
by Jim Lowman <jmlowman@ix.netcom.com>

Date: Wed, 24 Mar 1999 19:20:17 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@lehigh.edu>
Subject: [36465] ARRL Membership with Periodicals CD.
Message-ID: <002701be7655\$433fb960\$7a3567d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Group,

It was news to me and will probably interest other non-US hams. Non-US hams can join ARRL and receive the periodicals CD once a year, in March, instead of the paper version of QST. It did the trick in my case since I cannot store the magazines for too long and the membership fee is actually lower with the CD. The CD also includes QEX and NCJ. So, if you don't mind waiting up to 15 months to read the magazine, you now have an interesting option. Their web page is at www.arrl.org .

73 de Vince, VE3VFN.

P.S. It's not my intention to start a thread for or against ARRL!!!!

Date: Wed, 24 Mar 1999 16:31:25 -0800
From: <aa5yx@juno.com>
To: <qrp-1@lehigh.edu>
Subject: [36466] Test-don't read
Message-ID: <199903250031.QAA11536@disp-002.pocketmail.com>

Date: Wed, 24 Mar 1999 16:38:59 -0800
From: Jim <w7ls@blarg.net>
To: ki6ds@dpol.k12.ca.us, qrp-1@lehigh.edu
Subject: [36467] Re: New NorCal Kit Announcement
Message-ID: <36F985A3.410A0EF0@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Since there isn't a box included AND they are still on strips, plain old #10 envelopes ought to be perfect for storing these. Someone on the list suggested this method of storage and I think it would be perfect, since the resistors are on strips.

73 de Jim, W7LS

"Hendricks, Doug" wrote:

> Ok guys here it is. The latest NorCal Kit. We are offering a Homebrewers
> delight, a set of resistors from 1 ohm to 4.7M, in the following values:
> 1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2,
> 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82,
> 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820,
> 1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,
> 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K,
> 100K, 120K, 150K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K,
> 1M, 1.2M, 1.5M, 1.8M, 2.2M, 2.7M, 3.3M, 3.9M, 4.7M
>
> As you can see, that is a total of 80 different values, all 1/4 Watt 5%
> brand new resistors, and we are selling a kit of 25 of each value, for a
> total of 2000 resistors in the kit for \$25 plus \$4 shipping and handling in

> the US, \$8 shipping DX. The current Mouser catalog has a similar kit (72
> values) but you only get 10 of each resistor for \$57!! You get 2.5 times
> the resistors for less than half the price. These resistors are brand new,
> Xicon brand, carbon film resistors. They will be shipped in strips of 25 of
> each value.
>
> To order please do the following: Send a check or money order in US Funds
> only to:
>
> Doug Hendricks
> 862 Frank Avenue
> Dos Palos, CA 93620
> USA
>
> Remember, the price is \$25 for each set, plus \$4 shipping and handling for
> each set ordered US, \$8 DX. Please also include a self addressed mailing
> label, to help speed up the handling. If you don't have a mailing label,
> print your name and address clearly on the order.
>
> These kits are ready to go and will ship immediately. They are perfect for
> those of you who want to take advantage of the opportunity to build up a
> supply of resistors for your junk box. How many times have you been working
> on a project or mod and needed a resistor and looked through the junk box
> and didn't have one? Supplies are limited, with only 200 of these kits
> available.
>
> 72, Doug, KI6DS

Date: Wed, 24 Mar 1999 19:48:32 -0500
From: "George Heron" <n2apb@erols.com>
To: "NJ-QRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [36468] Atlanticon Itinerary and Times (Long)
Message-ID: <020601be7659\$4d2fd5a0\$b2cfaccf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, after 6 months of planning the biggest QRP event ever seen on the east coast, we're just about there. Only days away from some incredibly interesting presentations from the experts in our field: NN1G, NA5N, W4RNL, K5FO, N2CX, KD1JV and N1PWU ... wow, I helped set up this Atlanticon QRP Forum thing and I still sit in awe at what we're going to see this weekend.

AND we get to meet and rub elbows with so many of the QRPers we electronically interact with almost every day ... to me, *this* is just about as much fun as the presentations and hard copy of the Proceedings.

Guys, Atlanticon is an informal gathering ... no ties allowed, no reason to get nervous and avoid the mingling at the evening socials, no reason to be uptight about asking questions of *anyone* during our 2-day Forum. Atlanticon is designed to be a relaxing, enjoyable couple of days with your QRP friends ... FUN is the password for entry. (Along with your very cool Atlanticon Badge ... just wait 'till you see these things from Paul Harden!) Bring your favorite project for show 'n tell at the Homebrew Contest on Saturday eve and get a chance at winning one of the Big Prizes (nice transceivers from NorCal, Small Wonder, EMTECH and HB Electronics).

Okay, here's the itinerary and times for the Atlanticon QRP Forum events happening at the Holiday Inn Select in Timonium, MD:

FRIDAY

2:30 pm - gather in hotel lobby for travel to the Space Sciences institute to tour the Hubble Ground Station Control Center, courtesy of Paul Harden and his friends at the STSci

DINNER - You're on your own, but QRPers will likely be gathering in the lobby to head off to one of the local eateries. (You got your Atlanticon Welcome Package listing all the restaurants, right?!)

7:30 pm -QRP HOSPITALITY ROOMS. Doors open for the evening QRP open house in the banquet rooms of the Holiday Inn Select. This is a social gathering with no special purpose other than for the QRPers to stand around and chat and catch up with their fellow QRPers. There will be some vendors and clubs displaying their products, and you will be able to buy some goodies (paddles, DDS VFOs, portable antennas, little rigs, books, etc.) QRPers also often bring their projects, rigs, antennas, et al in order to show them off among friends. This is a great time to wander around and get some ideas and talk to the proud parent of the gear. We'll have a QRP registration table set up for people to get the Famous Atlanticon Badges even before the talks start the following day. You'll also be able to pick up a detailed "Atlanticon Itinerary and Schedule of Events" when you check in at this desk. We'll be closing up the hospitality rooms at 11:30pm, but many QRPers often go back to one of several rooms (or to the bar) to continue talking and planning their adventures.

SATURDAY

8:00 am - The doors open up bright and early for official registration and admittance to the Atlanticon QRP Forum. You'll sign in, get your Famous Atlanticon Badge (includes your important Atlanticon number used in the many

prize drawings throughout the day), pick up your serialized copy of the Atlanticon Proceedings and Atlanticon Itinerary and Schedule of Events, grab a cup of coffee, and find a good comfortable seat amongst the 150 chairs and tables in the large ballroom.

8:55 am - Master of Ceremonies N2APB (that's me ;-)) will welcome everyone to Atlanticon, review the events for the day, and introduce the NJ-QRP Staffers helping with the entire event ... Includes team captains Dean N2TNN (logistics), Dave N2SMH (registration & prizes), and Dave NN1G (technical and contest). You'll really be able to spot these guys and their Jersey QRP helpers throughout the day, so feel free to ask anything of them!

9:00 am - PRESENTATION #1: "Ho-Ho-HOHPLs: Horizontally Oriented, Horizontally Polarized Loop Antennas (Large!)" by LB Cebik, W4RNL.

10:00 am - PRESENTATION #2: "Techniques and Topics for 6-meter Design", by Dave Benson, NN1G

11:00 am - PRESENTATION #3: "Solar and Geomagnetic Storms - Simply Explained", by Paul Harden, NA5N

12 noon - Lunch ... Optional box lunches are being provided by the hotel on a pay-as-you-go basis (you eat it, you pay for it). Of course you can go eat anywhere else, or do anything else, or not, as you please :-)

1:00 pm - PRESENTATION #4: "SPICE and Its Uses for Radio Amateurs", by Chuck Adams, K5FO

2:00 pm - PRESENTATION #5: "PICpm ... a PIC-based QRP Power Meter", by Joe Everhart, N2CX

3:00 pm - Break

3:20 pm - PRESENTATION #6: "Troubleshooting 101", by Steve "Melt Solder" Weber, KD1JV

4:20 pm - PRESENTATION #7: "Genesis of a QRP kit (or 'Have I lost my mind?!')" ...

PRIZE DRAWINGS will be conducted throughout the day, done several at a time in between presentations as each speaker gets set up. (Winners must be present to collect their prizes.)

TWO GRAND PRIZE Drawings will be done at the end of the presentations on Saturday (around 5:15pm), where the NC20 and the SW40+ will be awarded to the lucky winners of this drawing. (Note: *Everyone* is eligible to win one of the Grand Prizes, even if a smaller prize was won earlier in the day.) Winners must be present to collect their prizes.

DINNER - Again, you are all on your own for dinner. We typically have great hordes of QRPers swarm down onto the Chili's or other burger pits, so taaaaaag along!

7:30 pm - QRP HOSPITALITY ROOMS. The doors open at 7:30 to allow QRPers to come in and set again set up their projects, rigs, antennas and such for a very informal Show 'n Tell. Just like during the night before, tables will be set up around the perimeter of the large connected rooms, allowing QRPers, clubs and vendors to set up little display areas for their goodies. Again, people will have a chance to mill around and ask questions of all the display owners, buy some of the products from the vendors and club people, and just generally chat in advance of the Homebrew Contest.

9:00 pm - HOMEBREW CONTEST. Contest organizer Dave Benson, NN1G will be coordinating the Homebrew Contest with a couple of famous and familiar faces as judges, starting at 9pm. We'll describe the contest categories, and the way in which the judges will walk around to inspect, poke, prod and tickle each of the project entries over the next 30-45 minutes or so. At the conclusion, the winners will be announced and prizes awarded.

10:00 pm - FINAL GRAND PRIZE DRAWINGS. The drawing for the last of the transceiver kits (EMTECH NW80) will be conducted. Again, if you didn't yet win a transceiver kit up to this point, you are still eligible to win this one! (Winners must be present to collect their prizes.)

11:30 - Doors close and Atlanticon 99 is history!!!

SUNDAY ... don't forget to save some time before you head home in order to attend the Greater Baltimore Hamboree and Computerfest still going on at the Timonium Fairgrounds less than 1/4 mile down the road. The weather should be cooperating and we're sure there will still be some great deals remaining!

That's it! Sure hope to see many of you here in Baltimore this coming weekend. Full details on the Atlanticon QRP Forum can be found at the Jersey QRP website: <http://www.njqrp.org/atlanticon/> or my sending an email to EMBOT@NJQRP.ORG and placing SEND ATLANTICON in the body of the message.

And by the way, WALK-INS ARE ALLOWED!!! Although we had pre-registration to speed sign-in at the hotel, we were able to get approval to have more than the previously-stated limit of 120 QRPers. Already we have 125 confirmed to attend, and we can still have up to 150 present in the room! We printed up some extra copies of the Proceedings so we can accommodate others walking in without pre-registration. All are welcome to this FREE QRP EVENT of the SEASON! The Jersey QRP Club is proud to be able to sponsor and host this event for all QRPers to take advantage of.

72/73,

--George Heron, N2APB
n2apb@erols.com in Baltimore, MD
for the NJ-QRP Club at <http://www.njqrp.org>

Date: Wed, 24 Mar 1999 20:12:23 -0500
From: Steve <smann@advi.net>
To: qrp-1@lehigh.edu
Subject: [36469] Radio Yugoslavia
Message-ID: <36F98D2A.C22@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think someone asked the sched for this:

Radio Yugoslavia 7115 MHz 0100-0130 GMT (8 PM EST)
7130 MHz 0200-0230 GMT

(news in English)

Steve, N4EY
Toast, NC

Date: Wed, 24 Mar 1999 19:15:49 -0600
From: "Ross S. Crossland" <rossgolf@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [36470] Vibroplex Original Deluxe
Message-ID: <36F98E45.493A@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks;

I would like to buy a vibroplex original deluxe (or presentation) but the EBAY prices seem high,

Does anyone have something they would like to sell?

Thanks

Ross
W5NV

Date: Wed, 24 Mar 1999 19:26:23 -0600
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [36471] Iowa QRP meeting this Saturday March 27, 1999
Message-ID: <19990325012759.BASX26341@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The March meeting of the Iowa QRP club will be Saturday March 27 at Noon at the Country Kitchen on Highway 6 and South Gilbert Street in Iowa City. Our host is Adam (AK0P). Here are directions provided by Adam for those not familiar the area.

=====

>From I-80:

Exit #239 to Highway 218 S

Head South for several miles, past the Melrose Ave exit, and exit at the Highway 1 exit (also marked as Kalona exit, but you will be turning left).

Turn left on Highway 1, and drive several miles. You will pass Menards on the right, and then Godfathers Pizza on right. At the big intersection on Riverside Drive, keep going straight, and you will then be on Highway 6.

In about 1/2 mile you will cross the Iowa River with the Water Treatment Center on the left, get in the right lane, and in about another 1/2 mile, at the intersection with Gilbert Stree, you will see the Country Kitchen on your right.

The entrance to the Country Kitchen is from Gilbert Street, so you will have to turn right at the intersection.

=====

>From the North on I-380

Go past exit 0 of I-380 S and keep going, you will then be on Highway 218 S, and then follow the directions above.

=====

>From the South on Highway 218

Exit from 218 at the Highway 1 exit, and turn right. Follow the directions above where it mentions Menards.

=====

>From the East on Highway 6

Dead easy. At Gilbert Street, make a South (left), and the place is there on your left.

=====

72/73,
Adam AK0P
John NU0V

Date: Wed, 24 Mar 1999 20:55:43 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36472] AC5 Tuner Sold
Message-ID: <011701be7662\$983c16e0\$66715acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who replied, the tuner was sold to the first person who responded..
Tim

Date: Wed, 24 Mar 1999 21:04:10 -0500
From: "Mark Paley" <mpaley@wcnet.org>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [36473] psk31 setup
Message-ID: <000401be7663\$c6c52000\$53ab85cd@mpaley>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm interested in getting into PSK31 and have downloaded the program and as much information as I could to get me started. I have a cable from my Xcvr audio to a line-in connection on my sound card. Presently I just want to receive before I get into making the cabling and the pad for the connection to the mic. input on my transceiver for transmitting.

I'm having trouble configuring my soundcard. I can hear the audio through my computer soundcard and have tuned in to what I think are PSK31 transmissions. In any case the only way I can get any print to appear on my screen is to click on the squelch button at the bottom of the screen. At that point all I get is gibberish.

I have set the sample rate at some of the suggested numbers, 8000 Hz, 11025, and 22050--no success. Any ideas?

Mark Paley--KF8KL--
mpaley@wcnet.org
ARS #505
QRP-L #1899

Date: Wed, 24 Mar 1999 21:03:24 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [36474] DL-QRP-PA English Instructions - HELP
Message-ID: <2af32ffe.36f9996c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPers

I have downloaded the English instructions twice from Funkamateurs first email, once from their web page, and once again from a second email and still have nothing. I am trying to open it with Adobe Acrobat Reader (it comes up as a default - have nothing else for PDF files I don't think) but I get the

message : "There Was An Error Processing A Page. There Was A Problem Reading This Document (9)." Thats all.

Does someone have a printed version that they can photocopy for me?? I will gladly pay for copy costs and postage.

Thanks in advance,

72/73 A1 N2ZHS
Scotia, NY

Date: Wed, 24 Mar 1999 21:08:54 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [36475] NEED HELP WITH DRIFTING PSK31
Message-ID: <19990324.210855.-277421.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello everyone:

My psk31 signal is drifting all over the place and me and the other station leap frog around the band till we run outta space or start drifting the utter way...

seems like I read somewhere that the psk31 program may be at fault here... can someone help me out.... I'm using a "new improved qrp+" and it seems to hold up fine on cw, ssb, and sstv....

is there a new version of psk31 I can download???

all help apreciated

and I thank you

Joel

ke1la, displaced cajun, in maine...

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 24 Mar 1999 21:26:54 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36476] WTB: 30M QRP Rig

Message-ID: <01af01be7666\$f34b6960\$66715acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looking for a 30M qrp rig, must be qsk, and 2-3watts out....
please reply direct
thanks
Tim
NZ8J

Date: Wed, 24 Mar 1999 20:31:23 -0600
From: "Mark Hogan" <mhogan@email.msn.com>
To: <robsparks@a1.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36477] First CW Net
Message-ID: <001801be7668\$05ebac00\$6ae60181@mhogan-ws>

OK all sorry for the bandwidth, but I gotta shout. I checked in the AR QRP net tonight!
Just had the ticket since the 16th, barely at 12 wpm on the tapes in my head...
Wow that net went fast! Some of those guys were zooming...
Thanks to Bob, AB5ZD for helping me to get my call, qth and name out, I think I forgot to tell him he was 599 in Broken Arrow, OK.
I was goofing around after I checked in, I was trying to hear the net on my New SST that I just got from K7SZ, (btw its a fun box, sure tunes fast!)
Then I heard them come around, thanks Bob for calling me again...

I'll be back next week time permitting, I only upgraded so I could play on the CW portions with my key collections and some qrp stuff, and it is as much fun as I had hoped.
I know if you guys bear with me, I'll keep getting faster. Hope my fist is at least understandable till I get this all figured out.

Thanks to those on the net also.

Mark Hogan
N50BC
G-QRP 4972 QRP-L 1887 AR QRP 246

SST-40/SPEED-X BUG FT-847/Vibro Keyer

bet ya didn't know a bug could go so slow!

Date: Wed, 24 Mar 1999 21:35:12 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [36478] C.W Reflectors
Message-ID: <36F9A0DF.EF814A22@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Are there any reflectors that are just c.w.?Just a question that i
thought I may ask.Please reply directly...

Thanks FRED
VE3FAL

Date: Wed, 24 Mar 1999 19:55:01 -0700
From: Bradford D Bilbrey <bigdawg74@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [36479] Oh Happy Day
Message-ID: <19990324.195636.6758.3.bigdawg74@juno.com>

To my Brothers of the Key

Today I was able to fire up my new OHR-400 and compair it to my
old FT-430. No comparison, I could hear signals clearly on the OHR that I
couldn't even detect on the FT-430. WOW MOM the benefits on not having
all that synthisizer noise is great. My first contact on the OHR was 10
meters with W1LIK who gave me a 339 and thats almost 3000 miles from
here, not bad for first. Can't wait for QRPTTF, will be either at a ghost
town or somewhere in the bush near the AZ. / Mexican boarder.

72's

KE7MU

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 24 Mar 1999 22:09:54 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "Homebrew Reflector" <homebrew@qth.net>
Cc: "AE4IC Bob_Kellogg" <ae4ic@nr.infi.net>, "AE4GX Sam Billingsley (QRP)"
<sbillingsley@mindspring.com>, "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [36480] Great new tool: Power Nibbler
Message-ID: <00ff01be766c\$f4995e70\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello all... I have found the neatest tool for cutting sheet aluminum or
whatever (but not steel.) It is a power nibbler from MicroMark
<http://www.micromark.com/> . At \$130, it's a bit pricey, but it is amazing to
use. Cuts about a
2 or 3 mm wide path through most softer metals. I didn't read the fine print
and was adding a line filter to my Drake AC-3 Power Supply. Needed a cutout
of about 1.25 in x 2 inches. Trouble the chassis was steel-not aluminum. Cut
it like butter. Until I turned the whole nibbler at too much of an off-angle
and snapped the head. THEN I noticed the warning about not cutting steel.
They sell a replacement head, and I got it installed, and it is back to
working fine. It has an arm attachment to help you cut straight lines... and
I think it does circles. It is very powerful... my hand nibbler took all the
hand-strength I had to use on the Drake. But for ordinary aluminum 0.060 or
less, it sure works great!

Usual disclaimers apply... no connection to MicroMark, etc.

P.S. The line filter was a direct violation of my: BoatAnchor Rule 1: I
don't make no new holes. BUT the way the thing is laid out, there weren't a
lot of alternatives... couldn't drill holes and mount a term strip or two
(the power xfmr was in the way almost everywhere, and the electrolytics
occupied the rest.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@mindspring.com
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

A small bell on a Christmas tree tinkles:
"Dear George, No man is a failure who has friends.
Love, Clarence"

Date: Wed, 24 Mar 1999 22:21:45 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@lehigh.edu
Subject: [36481] KK7B Binaural Info available
Message-ID: <199903250320.WAA21612@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I have posted info on the new Kanga Kit for the KK7B Binaural I-Q
Receiver on my web page. You can get to it via the "new" or KK7B"
links on my page, or directly at:

www.bright.net/~kanga/kanga/binaural.htm

For those of you who have ordered the kit - the PC boards are on
the way - I expect to be able to begin shipping the first full weekend
in April.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: 24 Mar 99 20:52:09 MST
From: John Pate <kb4utv@netscape.net>
To: qrp-l@Lehigh.EDU
Subject: [36482] TEST
Message-ID: <19990325035209.28757.qmail@www190.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

TEST

Get your own FREE, personal Netscape WebMail account today at <http://webmail.netscape.com>.

Date: Wed, 24 Mar 1999 22:58:22 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [36483] Re: ARRL Membership with Periodicals CD.
Message-ID: <12c90b5f.36f9b45e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 3/24/99 4:35:37 PM Pacific Standard Time, vferme@sprint.ca writes:

<< P.S. It's not my intention to start a thread for or against ARRL!!!!! >>

thank god...im still exhausted from the last one. :-)

73...Adam, N7YA

Date: Wed, 24 Mar 1999 23:04:15 EST
From: N9YAI@aol.com
To: QRP-L@lehigh.edu
Subject: [36484] WTB: cascade
Message-ID: <25de55c5.36f9b5bf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Fellow QRP'ers,

I recently saw a posting on QRPL about a NorCal Cascade kit for sale, but was to late to make the purchase. If anyone has a Cascade in there shack that they would like to give a good home. Please E-mail me about price and shipping. I would like either in kit form or good working order...

Thanks and 72's
Randy (N9YAI)

Date: Wed, 24 Mar 1999 23:21:20 -0500
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'qrp-l'" <qrp-l@lehigh.EDU>
Subject: [36485] travelin' to Atlanticon
Message-ID: <01BE764D.13FC1700@default>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Gang,

Decided tonight that the ride from Quakertown to Atlanticon wouldn't be =
complete without some mobile qrp. Had an Atlas 210x in the van for ssb =
company but somehow, that seems sort of sacriligious when on the way to =
a qrp forum. So, I yanked the Atlas and put in the Emtech NW40 - running =
through a tuner into an old Weber monobander with a big fat inductor in =
the middle. Tuned it up and, wow, it sounds great. But, then I turned on =
the ignition. Ugh-oh, got a problem here. No noise blanker but there =
sure is a lot of noise. For now, I think I'll just use a gel cell for =
power but I'm wondering if anyone on the list has done any noise blanker =
mods for Roy's NW series. Mobile qrp cw is bound to be a lot of fun. I =
have worked a few of you out there before so it's my turn to try. We =
will be on the road Friday morning about 10 AM until 1 PM maybe. Perhaps =
we can get the Atlanticon Caravan Net in action. Yeh, that's the ticket, =
CQ CQ ACN, CQ CQ ACN de N3YSI/M. On or about 7.040, CU there.
72 de n3ysi, Paul in Quakertown, PA

Date: Wed, 24 Mar 1999 23:27:31 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: tentec@contesting.com
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [36486] FS: TT Scout w/ 5 modules
Message-ID: <Pine.OSF.3.95.990324231656.1922E-100000@saturn.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Everyone.

Need to finance the annual Dayton trip. So from the W8KC collection I am

offering my fine Ten*Tec Scout! Hard to believe but true. Used mostly to drive the TT 6M and 2M transverers @5 watts. Run at 5W 90% of the time. Never installed mobile, but it did sit on the front seat a couple times.

I have the non-WARC bands except for 160M, so it's 80-10M. Includes microphone, DC cable, manual, and I think I have the original box, but it's pretty plain, not a sexy two-color style like the older Ten*Tec rigs.

Oh... it has the Noise Blanker option, too.

How does \$500 sound including the shipping to your door? Sounds fair to me, I think I paid \$450 for it and that was with only three bands and NO noise blanker.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 24 Mar 1999 22:25:33 -0600
From: k5zty@juno.com
To: kd1jv@moose.ncia.net
Cc: qrp-1@Lehigh.EDU
Subject: [36487] Re: QRPTTF from NH/ME Border
Message-ID: <19990324.222651.6726.3.k5zty@juno.com>

You should be physically in the state that you are claiming. You can't legitimately give a confirmation of a contact from Oklahoma while you are in Texas. If you are going to compromise the integrity of the WAS award, how much is ok and who draws the line and then how close to that line do you have to be? If it's ok to confirm RI from VA then is 10 watts close enough to 5 to be QRP. I only need HI for WAS, is that close enough? Close only counts in horseshoes.

Bill, K5ZTY
Houston, TX
k5zty@juno.com

>>
>Hey, I live aprox 6 miles from the ME/NH line. (if a crow readily did
>fly in a straight line) Is that close enough that I don't need to
>leave home? :-)
>

>That opens the question, "how close is close enough to qualify?"
>
>
>72,
>Steve, KD1JV in the white Mountains of New Hampshire
>"melt solder"
>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 24 Mar 1999 20:38:00 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [36488] junk vcr?
Message-ID: <199903250438.UAA12307@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone have a junk vcr with a zenith CATV tuner in it that they
would be willing to part with? I am just after the tuner.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Wed, 24 Mar 1999 23:02:20 -0600
From: "Tom Moll" <tomm@xata.com>
To: <qrp-l@lehigh.edu>
Subject: [36489] Military operating frequencies
Message-ID: <000001be767c\$aa7502d0\$4baa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone inquired about listening frequencies that might be active
during the current turmoil. The following is a list I saw on one of
the other reflectors. I have found that often SSB is on the "wrong"
sideband relative to what we hams expect at the various operating

frequencies.

Also recommended was subscribing to the MilCom reflector via
www.qth.net for more information.

Tom Moll N0BS

```
USAF    GLOBAL    FREQUENCY    LIST
0.    4,724.0 KHz    PRI    Andrews AFB            (24Hrs)
1.    6,712.0 KHz            PRI    Open Frequency        (24Hrs)
2.    6,739.0 KHz    PRI    Thule AB                (24Hrs)
3.    8,968.0 KHz    PRI    Hickam AFB              (24Hrs)
4.    8,992.0 KHz    PRI                        (24Hrs)
5.    11,175.0 KHz    PRI    Andrews AFB            (24Hrs)
6.    13,200.0 KHz    PRI    Elmendorf AFB           (24Hrs)
7.    15,016.0 KHz            PRI    Incirlik AB            (24Hrs)
8.    17,976.0 KHz    PRI    McClellan AFB           (24Hrs)
9.    6,683.0 KHz
10.   6,715.0 KHz            Elmendorf AFB           (discrete)
11.   6,730.0 KHz
12.   9,016.0 KHz            Andrews AFB             (discrete)
13.  10,462.0 KHz
14.  11,181.0 KHz    Croughton UK            (discrete)
15.  11,271.0 KHz    Lajes AB                (discrete)
16.  11,244.0 KHz    Offutt AFB              (discrete)
17.  13,242.0 KHz    Hickam AFB              (discrete)
18.  14,615.0 KHz    Ascension Island        (discrete)
19.  15,043.0 KHz    McClellan AFB           (discrete)
20.   4,745.0 KHz            McClellan AFB           (discrete)
21.  11,058.0 KHz    McClellan AFB           (discrete)
22.   5,711.0 KHz            Thule AB                (discrete)
23.  13,204.0 KHz    Ascension Island        (discrete)
24.  14,635.0 KHz    Ascension Island        (discrete)
25.  18,019.0 KHz    Ascension Island        (discrete)
26.  18,801.0 KHz    Ascension Island        (discrete)
27.   5,000.0 KHz            TIME HACK/PROP CHECK
28.  10,000.0 KHz    TIME HACK/PROP CHECK
29.  15,000.0 KHz    TIME HACK/PROP CHECK
30.  20,000.0 KHz    TIME HACK/PROP CHECK
```

Date: Thu, 25 Mar 99 00:07:14 -0500
From: Chuck Adams <adams@ticnet.com>
To: "w7ls@blarg.net" <w7ls@blarg.net>

Cc: qrp <qrp-1@lehigh.edu>
Subject: [36490] Re: New NorCal Kit Announcement
Message-ID: <E10Q2Tv-0007QS-00@smtp.ticnet.com>

Jim et.al.,

I find that the coin envelopes that are 14.0x8.0cm are the right size. I used them for my 100,000+ lifetime supply of resistors.....

If the group remembers many years ago I got the entire stock for \$100 from a place called Murphy Surplus in CA somewhere. I'd go look through the archives but I gotta get some rest.....

Later,

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Wed, 24 Mar 1999 22:25:53 -0800
From: David Fifield <fifield@pacbell.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36491] Re: What is the difference?
Message-ID: <36F9D6F1.6DCFCAD3@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

>
> A linear taper pot is just that, linear. An audio taper pot is
> logarithmic.

All cheap audio taper pots (or log pots if you're from Europe) are built using just two different linear regions that approximate the ideal log curve (badly!). Measure one and see. The only time you will see a true audio (log) taper is in precision pots used for extremely expensive stereo amplifiers or instrumentation applications.

72, Dave Fifield, AD6A

Date: Wed, 24 Mar 1999 22:32:15 -0800
From: Jim <w7ls@blarg.net>
To: tomm@xata.com, qrp-1@lehigh.edu
Subject: [36492] Re: Military operating frequencies
Message-ID: <36F9D86F.6E39EF20@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think the military uses USB, no matter what freq they are on. Not sure, but I have seen mil rigs that only had USB.

Jim W7LS

Tom Moll wrote:

> Someone inquired about listening frequencies that might be active
> during the current turmoil. The following is a list I saw on one of
> the other reflectors. I have found that often SSB is on the "wrong"
> sideband relative to what we hams expect at the various operating
> frequencies.

>
> Also recommended was subscribing to the MilCom reflector via
> www.qth.net for more information.

>
> Tom Moll N0BS

> USAF GLOBAL FREQUENCY LIST

> 0.	4,724.0 KHz	PRI	Andrews AFB	(24Hrs)
> 1.	6,712.0 KHz	PRI	Open Frequency	(24Hrs)
> 2.	6,739.0 KHz	PRI	Thule AB	(24Hrs)
> 3.	8,968.0 KHz	PRI	Hickam AFB	(24Hrs)
> 4.	8,992.0 KHz	PRI		(24Hrs)
> 5.	11,175.0 KHz	PRI	Andrews AFB	(24Hrs)
> 6.	13,200.0 KHz	PRI	Elmendorf AFB	(24Hrs)
> 7.	15,016.0 KHz	PRI	Incirlik AB	(24Hrs)
> 8.	17,976.0 KHz	PRI	McClellan AFB	(24Hrs)
> 9.	6,683.0 KHz			
> 10.	6,715.0 KHz		Elmendorf AFB	(discrete)
> 11.	6,730.0 KHz			
> 12.	9,016.0 KHz		Andrews AFB	(discrete)
> 13.	10,462.0 KHz			
> 14.	11,181.0 KHz		Croughton UK	(discrete)
> 15.	11,271.0 KHz		Lajes AB	(discrete)

> 16.	11,244.0 KHz	Offutt AFB	(discrete)
> 17.	13,242.0 KHz	Hickam AFB	(discrete)
> 18.	14,615.0 KHz	Ascension Island	(discrete)
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> 23.	13,204.0 KHz	Ascension Island	(discrete)
> 24.	14,635.0 KHz	Ascension Island	(discrete)
> 25.	18,019.0 KHz	Ascension Island	(discrete)
> 26.	18,801.0 KHz	Ascension Island	(discrete)
> 27.	5,000.0 KHz	TIME HACK/PROP CHECK	
> 28.	10,000.0 KHz	TIME HACK/PROP CHECK	
> 29.	15,000.0 KHz	TIME HACK/PROP CHECK	
> 30.	20,000.0 KHz	TIME HACK/PROP CHECK	

Date: Wed, 24 Mar 1999 23:02:50 -0800
From: David Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, GQRP Reflector
<GQRP@onelist.com>
Subject: [36493] Red Hot Radio - Update
Message-ID: <36F9DF9A.DE146774@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

We're still waiting for some parts to arrive. I have a full update on the website. We'll be open for business any day now, thanks for your patience.

Also, I noticed that I missed out the change to L3 in the 20m -> 40m conversion table. I have corrected this. I don't think anyone has tried to convert a NorCal 20 to 40m yet, otherwise they would have had a problem with L3 in the receiver.

72, Dave Fifield, AD6A
<http://www.redhotradio.com>

Date: Thu, 25 Mar 1999 02:33:00 -0600
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36494] K2 and Chuck Adams

Message-ID: <36F9F4BC.9D917598@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang and Chuck,

I always hate to admit one of my screw ups. Nearly two weeks ago Chuck and Doug where here at my QTH after the Fort Smith Hamfest. I had just got the K2 built but not fine tuned. Chuck got to messing around with a Kent key that I had hooked up to it and Chuck said "is this in mode A?". I said, "surely not" while watching his eyebrow raise like I was a brick shy of a load.

Well Chuck you were right! I finally got the time to do some more tweaking and in the menu is a place for mode A and mode B. Guess what default is-----A. Honest I wasn't trying to pull a West Coast trick on Chuck but, he knew what the deal was. I think if he had his way mode A would be outlawed a long with poor bugs. Oh boy can I feel the flames coming after this.

Chuck, I wish you could give the K2 a test drive now. It is getting to be quite the machine. Gang for those that haven't got to play with a K2 yet you're missing out. It took me longer to build than most of the testers but, tune up was a breeze once you get going on it. All I used was a Fluke volt meter and a Oak Hills WM-2 watt meter.

Now if I can just catch Eric on 20m. After a contact on 40m my inactivity showed. My fist was on a mode that wasn't on A or B.

One thing I was doing to night was playing with all the filter and BFO settings. There are three filter settings and you can taylor each one for peak performance or your own preference. Now that the hamfest is over I will learn how to use it and be ready for the next hamfest.

I will have the K2 and hopefully the NC-20 at the next local hamfest. I will announce it next month.

It late Doug --- I better go see what Jane Doe # 999 is doing.

73 de w5jay..

Date: Thu, 25 Mar 1999 05:53:08 EST
From: Mercxx@aol.com
To: qrp-1@lehigh.edu

Subject: [36495] Thanks to all
Message-ID: <3b432590.36fa1594@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks everyone who answered my question about the HW-8. I appreciate all the great responses. Have a great day and good QRP DX to all.

72s
Steve
N4TKP

Date: Thu, 25 Mar 1999 12:05:42 +0100
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <J38AL@aol.com>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [36496] AW: DL-QRP-PA English Instructions - HELP
Message-ID: <000f01be76b1\$08360700\$4e40d3d4@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

I opened it using adobe Acrobat reader Version 3.0 with no problems

Peter, DL2FI

-----Urspr ngliche Nachricht-----
Von: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]Im Auftrag
von J38AL@aol.com
Gesendet am: Donnerstag, 25. M rz 1999 03:03
An: Low Power Amateur Radio Discussion
Betreff: DL-QRP-PA English Instructions - HELP

QRPers

I have downloaded the English instructions twice from Funkamateur's first email, once from their web page, and once again from a second email and still have nothing. I am trying to open it with Adobe Acrobat Reader (it comes up as a default - have nothing else for PDF files I don't think) but I get the message : "There Was An Error Processing A Page. There Was A Problem Reading

This Document (9)." Thats all.

Does someone have a printed version that they can photocopy for me?? I will gladly pay for copy costs and postage.

Thanks in advance,

72/73 A1 N2ZHS
Scotia, NY

Date: Thu, 25 Mar 1999 06:19:28 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "John L. Sielke" <n4js@pobox.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36497] Re: Spelling....
Message-ID: <Pine.GS0.4.10.9903250618220.24939-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 24 Mar 1999, John L. Sielke wrote:

>OK, OK, so I should be more careful. I was in a hurry..."out of hear" Sheeesh!

Actually, it is fitting, since we all know the expression "Out of site, out of hearing."

See y'all in Baltimore.

-73-

LB, W4RNL

Date: Thu, 25 Mar 1999 06:37:13 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-1 mailing list <qrp-1@Lehigh.edu>
Subject: [36498] SOLD was 38 Special problem,,, Sell or Build?
Message-ID: <36F9D999.BB468E6F@cycat.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have selected a winner in the quest for the unbuilt 38S.

The winner has been notified by email, should he decline
then I will go to the next person on my list.

Thank you for your interest.

michael N6CHV

Date: Thu, 25 Mar 1999 07:40:28 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: bigdawg74@juno.com
Cc: QRP-L@Lehigh.edu
Subject: [36499] Re: Oh Happy Day
Message-ID: <36FA2EBC.5533@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brad,

Congrats. What's a FT430? I think you meant a TS430. Personally I
think you have a sick TS430. Get it looked at first and then compare.
They should be about equal in performance.

73

Date: Thu, 25 Mar 1999 04:43:43 -0800
From: "Radman" <radman@best.com>
To: <fifield@pacbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36500] Re: What is the difference?
Message-ID: <199903251242.EAA26441@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave et al,

Yep, good point! Recently, I had an RS audio taper pot on the DMM and sketched out the "log curve" on grid paper. That's an interesting education for only \$1.49. I'm glad the cost of tuition wasn't any higher ;)

72 - Conrad - NN6CW

All cheap audio taper pots (or log pots if you're from Europe) are built using just two different linear regions that approximate the ideal log curve (badly!). Measure one and see. The only time you will see a true audio (log) taper is in precision pots used for extremely expensive stereo amplifiers or instrumentation applications.

72, Dave Fifield, AD6A

Date: Thu, 25 Mar 1999 07:54:32 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu, cw@qth.net, larc-l@webtrek.com
Subject: [36501] Re: hand key tie tac, clip, update
Message-ID: <3.0.5.32.19990325075432.007efd60@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Below you'll find the url where a pic of the key to be used in this project resides.

Thanks to Glen and the Austin Qrp Club.

72 de Scott/n3byy
Fists #5030
Laurel MD

> <http://www.flash.net/~k5hgb/key.html>
>
> Courtesy of the Austin QRP Club.
>
>

>--=20
>GLEN REID
>K5FX/M=D8BGF
>
>Austin...in the beautiful hill country of TEXAS...
>
>Austin QRP Club # Pi=09
>
>Email: k5fx@flash.net
>
>

Date: Thu, 25 Mar 1999 08:23:50 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-1@lehigh.edu
Subject: [36502] Re: Controlled Bandwidth, CW, RTTY and PSK31?
Message-ID: <36FA38E6.F4FEA9FF@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there any reason why this couldn't be done with phase cancellation
implemented with DSP?--Zack W1VT

Date: Thu, 25 Mar 1999 05:22:45 -0800
From: Brian Murrey <brian@iquest.net>
To: brian@iquest.net
Cc: bmug@gwl.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36503] Re: New and Radio
Message-ID: <99Mar25.052454pst.17126@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Radio Yugoslavia can be heard on:

6100, 6185, 6195, 7115, 7130, and 9720

They have a website too...

<http://www.beograd.com/radioyu/>

Looks to be mostly in a non-English language today, although yesterday it was packed with english stories and accounts. To balance what you read here you should throw in some NATO accounts and maybe some news from any Albanian website. This website, along with most NATO websites, has enough BS poured in that the global fertilizer shortage is now nothing more than a thing of the past.

I just saw that CNN has declared the KLA (Kosovo Liberation Army) had stopped being a splinter terrorist group, and is now a US backed freedom loving fighting force. Imagine that.

I know this isn't the place, but this Administration makes me sick.

Do like Slick Willie.....BOMB 'EM TO PEACE.

For all the gory details on US Ops, check out

<http://www.fas.org/man/dod-101/ops/index.html>

Brian Murrey wrote:

>
> Radio Yugoslavia can be heard on:
>
> 6100, 6185, 6195, 7115, 7130, and 9720
>
> They have a website too...
>
> <http://www.beograd.com/radioyu/>
>
> Looks to be mostly in a non-English language today, although yesterday
> it was packed with english stories and accounts. To balance what you
> read here you should throw in some NATO accounts and maybe some news
> from any Albanian website. This website, along with most NATO
> websites, has enough BS poured in that the global fertilizer shortage is
> now nothing more than a thing of the past.
>
> I just saw that CNN has declared the KLA (Kosovo Liberation Army) had
> stopped being a splinter terrorist group, and is now a US backed freedom
> loving fighting force. Imagine that.
>
> I know this isn't the place, but this Administration makes me sick.
>
> Do like Slick Willie.....BOMB 'EM TO PEACE.
>
> Brad Mugleston wrote:
> >
> > I just got the following news update and was wondering where on the bands one

> > could listen in to what may be going on. I grew up listening to stories about
> > people following world happenings on short wave radios but never had one to
> > play with. Well now I have one and would like to listen in.
> >
> > de KI00T, Brad
> >
> > * NATO forces have reportedly begun their expected military
> > strikes on Yugoslavia.
> > - Yugoslav President Slobodan Milosevic and Yugoslav
> > military leaders today re-stated their opposition
> > to calls for an international peace-keeping force
> > in Kosovo and that their military is prepared to
> > defend both the territorial integrity and national
> > sovereignty of Yugoslavia
> > - first-stage NATO measures against Yugoslavia are expected
> > to involve mainly the use of cruise missiles.
> > - the action marks the first-ever use of NATO force against
> > a sovereign nation.

Date: Thu, 25 Mar 1999 08:30:26 -0500
From: John Levreault <jlevro@mediaone.net>
To: w7ls@blarg.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36504] Re: New NorCal Kit Announcement
Message-ID: <36FA3A72.7875143C@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim wrote:

> Since there isn't a box included AND they are still on strips, plain old #10
> envelopes ought to be perfect for storing these. Someone on the list suggested
> this method of storage and I think it would be perfect, since the resistors are
> on stips.

I like those little "coin envelopes" you buy at places like Staples. They're
plenty
"tall" enough for leaded parts.

John NB1I

>
> 73 de Jim, W7LS

>
> "Hendricks, Doug" wrote:
>
> > Ok guys here it is. The latest NorCal Kit. We are offering a Homebrewers
> > delight, a set of resistors from 1 ohm to 4.7M, in the following values:
> > 1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2,
> > 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82,
> > 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820,
> > 1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,
> > 10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K,
> > 100K, 120K, 150K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K,
> > 1M, 1.2M, 1.5M, 1.8M, 2.2M, 2.7M, 3.3M, 3.9M, 4.7M
> >
> > As you can see, that is a total of 80 different values, all 1/4 Watt 5%
> > brand new resistors, and we are selling a kit of 25 of each value, for a
> > total of 2000 resistors in the kit for \$25 plus \$4 shipping and handling in
> > the US, \$8 shipping DX. The current Mouser catalog has a similar kit (72
> > values) but you only get 10 of each resistor for \$57!! You get 2.5 times
> > the resistors for less than half the price. These resistors are brand new,
> > Xicon brand, carbon film resistors. They will be shipped in strips of 25 of
> > each value.
> >
> > To order please do the following: Send a check or money order in US Funds
> > only to:
> >
> > Doug Hendricks
> > 862 Frank Avenue
> > Dos Palos, CA 93620
> > USA
> >
> > Remember, the price is \$25 for each set, plus \$4 shipping and handling for
> > each set ordered US, \$8 DX. Please also include a self addressed mailing
> > label, to help speed up the handling. If you don't have a mailing label,
> > print your name and address clearly on the order.
> >
> > These kits are ready to go and will ship immediately. They are perfect for
> > those of you who want to take advantage of the opportunity to build up a
> > supply of resistors for your junk box. How many times have you been working
> > on a project or mod and needed a resistor and looked through the junk box
> > and didn't have one? Supplies are limited, with only 200 of these kits
> > available.
> >
> > 72, Doug, KI6DS

Date: Thu, 25 Mar 1999 08:28:26 -0500

From: John Levreault <jlevro@mediaone.net>
To: vintage@best.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36505] Re: NC-20 U5 Upgrade
Message-ID: <36FA39FA.C0FBE1F9@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Robert P. Okas" wrote:

> Hi Ron and the Gang,
>
> If you really insist on replacing U5, you can try the LM833. It has a
> moderately higher current consumption (8ma v. 6.5mA max for the LF353).
> It also generates considerably lower noise than the '353: 4.5nV/sqrt(Hz)
> v. 25nV/sqrt(Hz). With the signal levels U5 is dealing with, I suspect the
> difference will be minimal.

I'm not at all familiar with the NC-20 or this U5 schematic, but be advised that the '833 is very prone to high frequency oscillation. I've replaced many garden-variety opamps, such as the TL071-series or LF353 with the '833, and it's indeed a worthwhile change, but in the majority of cases, oscillation occurred. I generally find that the addition of a few 10's of picofarads across the feedback resistor, that's the one connected from the output pin to the inverting input of the opamp, usually cures the problem.

John NB1I

Date: Thu, 25 Mar 1999 08:35:22 US/Eastern
From: n2cx@voicenet.com
To: qrp-1@lehigh.edu
Cc: njqrp@njqrp.org
Subject: [36506] FS items - see me at Atlanticon
Message-ID: <199903251335.IAA109642@nss4.cc.Lehigh.EDU>

Gang(s)

I have soem equipment for sale that I was holding off until hamfest time. It occurs to me that ther e jsut may be one or two folks going to Atlanticon who might be interested. So here's the list. I will not have time to set up at the hamfest, so if you are interested, send me an e-mail

beforehand or catch me at the Atlanticon site. Things that are not sold there will be FS by mail or special arrangement come Monday morning.

1. AEA DX Handy - great for 10 meters now that the sunspots are cooperating. 10 meter CW/SSB HT-sized radio. Good condx, includes whip antenna and xtals for the QRP part of the band. \$150.00 firm

2. TEN TEC Argonaut 509 - 80 to 10 meter CW/SSB with rare external digital display and external MFJ audio filter. Fair condx - you can tell that it has been well used! \$200.00 firm

3. TEN TEC Century 21 analog. 80 to 10 meter CW only rig with internal 120 VAC power supply and external 25/100 kHz xtal calibrator. Variable power control lets you go QRP or crank up to 70 watts input when 5 watts just can't hack it. Good condx. \$150.00 firm

4. Norcal paddle kit. I hate to sell this unopened kit but I have too many pending projects. A steal at \$25.00

All of the above are in working condx, except, of course the paddle kit.

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Thu, 25 Mar 1999 08:37:09 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <qrp-1@Lehigh.EDU>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36507] Re: What is the difference?
Message-ID: <00b701be76c4\$95b53160\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Mike Yetsko wrote:

>>

>> A linear taper pot is just that, linear. An audio taper pot is
>> logarithmic.

>

>All cheap audio taper pots (or log pots if you're from Europe) are
>built using just two different linear regions that approximate the
>ideal log curve (badly!). Measure one and see. The only time you
>will see a true audio (log) taper is in precision pots used for
>extremely expensive stereo amplifiers or instrumentation applications.

>

>72, Dave Fifield, AD6A

>

Well, I sure didn't take into account the quality factor. I've
never actually 'plotted' a pot. I have the capability to do so,
it might be a decent little test, tie a linear pot and an 'audio'
pot to one mechanical point, and sweep them while reading
the two outputs with an A2D board...

Mike Yetsko
N1DVJ

Date: Thu, 25 Mar 1999 08:44:31 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu
Cc: njqrp@njqrp.org
Subject: [36508] Re: FS items - see me at Atlanticon
Message-ID: <199903251344.IAA104286@nss4.cc.Lehigh.EDU>

Hi, me again. Sorry to use more BW, but it's necessary.

I neglected to say who I am! My email tool at home
takes care of all that...

The equipment is for sale by Joe Everhart, N2CX
Look for the NJQRP badge, the Norcal Zombie badge and

the callsign hat thay my family won't let me wear
in public!

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Thu, 25 Mar 1999 07:44:18 -0600
From: mike1@urbancom.net (Dinelli, Michael)
To: <flesnick@tbaytel.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [36509] RE: C.W Reflectors
Message-ID: <000701be76c5\$9439bf80\$bba5f51d1@mike1.urbancom.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, there is a CW reflector at QTH.NET. You can subscribe by going to
<http://www.qth.net> or To be added to the CW mailing list, send email as
follows:

To: majordomo@qth.net
Subject:
Body: subscribe cw

73 de Mike, N9BOR
FISTS NR 4594
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.
My designated driver is a 12BY7A.
Solid State leaves me cold.

> Are there any reflectors that are just c.w.?Just a question that i
> thought I may ask.Please reply directly...
> Thanks FRED

> VE3FAL

Date: Thu, 25 Mar 1999 07:47:34 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [36510] Thanks!
Message-ID: <199903251347.HAA24172x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Thanks to all that have helped me understand the difference between a linear taper and audio taper and also about my battery question.

I figure if I hang out here long enough I can eventually get enough education to become an electrical engineer <grin>. Seriously, it's amazing the amount of knowledge that is shared and can be gained from the very knowledgeable list members!

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, A0-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Thu, 25 Mar 1999 08:49:18 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [36511] PSK31 & THE CAJUN TWO STEP
Message-ID: <19990325.084919.-275499.3.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HIgh everybodies:

well water.... seems maybe my ole qrp+ an't stable enough for this psk thing...

if I could get it to drift to a good cajun waltz or two step I would be happy...

but this twist thing is too much for an old caljun lad like myself...

thanks for the help....

does anyone kneaux if the k2 will hold steady enough for psk31?

anybody got an icom 735 they want to sell?

My cajun mama is concerned that her cajun son can't pssssk31 on the air without working up a sweat doing the twist with his radio knobs....

my cajun mama loves her son

bye now

joel kella, in maine

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 25 Mar 1999 06:07:01 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36512] Resistor organizer... ?
Message-ID: <199903251404.GAA22591@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

What's *your* cleverest way to organize those 2,000 resistors from the NorCal Resistor kit? I know about coin envelopes, parts bins and baby Zip-Lok bags... but didn't someone have a scheme to store resistors in vinyl organizer pages in 3-ring binders?

My goal is to come up with a method that uses the least possible shelf space and offers the *fastest* way to locate a particular value.

Thanks in advance,

72 - Conrad - NN6CW

Date: Thu, 25 Mar 1999 09:07:58 EST

From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [36513] AR QRP 40m Net results
Message-ID: <48cd4388.36fa433e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net last night had 7 QNIs amid good band conditions. The net QSY'd down to 7.04185 and started at 0130Z. We had two new QNIs for the net, both ops from Oklahoma.

Here are the stations that checked in:

K9UT	Jerry	
K5ZTY	Bill	
NF0R	Dave	
W2XN	Fred	
N0WM	Wm	
KE5TC	Royce	OK
N50BC	Mark	OK

The NCS was Bob AB5ZD , QTH Alexandria LA, running 5 watts to a G5RV up in the pecan trees. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0130Z	3.560 mhz	N9ZZ
Bob AR #1 is NCS			
Wednesday Night	0130Z	7.042 mhz AB5ZD	Bob AR #277 is NCS

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 25 Mar 1999 08:20:55 +0500
From: Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
To: qrp-1@Lehigh.EDU
Subject: [36514] 2N4416 anyone have one?
Message-ID: <l03110703b31f5bf408d1@[209.181.171.198]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Folk,

I have a Cascade which I have been experimenting with for use in the digital portion of the 20 meter band. The mod ended up being quite simple once I figured out that all I needed to do was a a switch to act as a jumper between a couple of pins on the module jack. Then I tried building a XTAL OSC for more stable frequency control. In the process of adjusting everything I ended up somehow killing the internal VFO of the rig. I suspect that I zapped the 2N4416. After searching several parts houses, and sending an e-mail to Bob Dyer who suggested using a J309, I thought I should give the infinite junk box supply house of QRP-L. Does anyone have one of these beasts? Would you be willing to sell it to me for the sake of science? ;^)

Tim
KB9LGJ

Date: Thu, 25 Mar 1999 08:27:53 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [36515] Component storage / Contractor's Briefcase
Message-ID: <000001be76cb\$ac32c680\$8dc9ce80@missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't have 100,000 resistors like Chuck, but I've come to love the little TechAmerica tray drawers like the ones that come with their resistor kits. Normally I hate anything associated with Tandy, but when I saw these drawers I knew they were what I had been searching for in every hardware store I've been in for the last year. They're only about \$4/ea and have something like 30 little compartments in each drawer for different components (the storage compartments in everything else I've found were WAY too big). Could probably hold something like 20 of each resistor in each compartment. There's a label on front so you can see what's in each place, and they interlock top-to-bottom and side-to-side. Oh, and each drawer comes with its own set of tweezers. I ordered 6 to start with, and keep a "working supply" of each component in the drawers, and store my excess away (no organization right now, perhaps I'll use those envelopes to keep my extras!) These are great for resistors, caps, semiconductors (as long as proper static protection is used - I plan to cut anti-stat foam to fit the bottoms of the compartments in a couple drawers), you name it.

Another thing I wanted to bring up was a GREAT bag I found just before I left for vacation last week. I wanted to take some QRP along with me (finally! some time to work on the NC20!), and needed a better carry-on for it. Well, while going through Home Depot, I came across something called a "Contractor's Briefcase". Just the ticket! It looks like a normal over-the-shoulder attache/laptop case, but it's really 2 bags in one... One half is like a standard bag, but with more pockets on the outside (one which fits my SST like a glove, but with others that are great for calculator, pocket screwdriver, pens and pencils, etc.). LOTS of good storage space. There's even a divider in this part to put papers (i.e. rig manuals!) behind. But here's the kicker - the other half folds out for TOOL storage! I was able to put my iron, cutters, needle-nose pliers, electrical tape, solder, DMM, and a lot more in there, all in their own little pockets. There's even a cell phone pocket which could easily double as a spot for your HT (big - would probably hold even an IC-2AT). This thing is going to Field Day...it even has loops for a Thermos. It was only about \$20 or so...made of heavy cordura, and all hardware seems to be pretty darned sturdy. LIFETIME guarantee. Can't remember the brand, but it's the same people that make those bucket tool things (convert a 5 gal. bucket to a tool box), "Bucket" is definitely in the name. Like I said, the bag goes by the name "Contractor's Briefcase", and it seems like it was MADE for QRPers.

A note: amazingly enough, I was only stopped at one airport (leaving home - St. Louis), and even then the woman just looked through the "non-tool" side, asked me what my SST was, etc. Said she "couldn't see anything" on the X-ray. Must have been that 1/2 lb. spool of tin/LEAD solder, heh.

Hope this helps someone out...

73,
Nathan
KB0NNV

Date: Thu, 25 Mar 1999 09:35:38 -0500
From: Bill Nicolson <n2wf@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36516] FS Not QRP - KW TS530SP
Message-ID: <36FA49BA.F8F4B980@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Buyer Backed out last minute so I still Have forsale:

Kenwood TS530SP with the 500HZ CW and Operators Manual but no Mic. Its About 8.5 out of 10, tubes are good and it puts out 100w on the lower bands and slightly less on the upper bands (per specs).

The price is \$350 shipped to CUS

73 de Bill N2WF

--

Bill Nicolson N2WF Email: n2wf@erols.com
QTH: 38 Tanglewood Lane Colonia, NJ 07067-3036
NJQRP#68 FISTS#2016 NorCal#2098 QRP-L#955 ARS#332

Date: Thu, 25 Mar 1999 10:56:39 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [36517] Re: Component storage / Contractor's Briefcase
Message-ID: <Pine.LNX.3.93.990325104159.380B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Mar 1999, Nathan Odle wrote:

> probably hold something like 20 of each resistor in each compartment.
> There's a label on front so you can see what's in each place, and they

Well, I only have half as many resistors as Chuck:), but I use the "common" parts bins you can get at Walmart and the like. Then I make separate bins for the *very* common, high use ones (100, 1K, 10K, 100K) and the other go in a bin based on their "X" rating. For instance, all the 10's in a drawer (33, 47, 82...) then all the 100's, (220, 330, 470...) then the K's (2.2K, 3.3K, 4.7K), then the 10K's, 100K's, 1M's. I can get a good selection and quantity into about ten 1x2x5" bins, and it only uses a third of one of the common (cheap) cabinets.

Makes the sorting/storage/hunting easier, also when they are on tape strips, I just write the value on the tape and pile them in their "proper" bin. Now if someone could just find something similar to do all those screws in my hell box... And really, 2-3000 resistors in not a lot... in relative terms :-)

72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 25 Mar 1999 09:49:58 US/Eastern
From: n2cx@voicenet.com
To: qrp-1@lehigh.edu
Cc: njqrp@njqrp.org
Subject: [36518] Re: FS items - see me at Atlanticon
Message-ID: <199903251450.JAA152948@nss4.cc.Lehigh.EDU>

Gang(s),

Wow, talk about e-mail overload! My computer is splitting
at the seams and the incomign data line is smoking...

I've had a flood of replies for the Norcal paddle kit.!!!

I am keeping a list of non-Atlanticon interested parties and
will sell it to the first on that list if it is not sold by
Monday.

Thanks for the interest.

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Thu, 25 Mar 1999 08:12:45 -0700
From: Roy <marion@montana.com>
To: <qrp-1@Lehigh.EDU>
Subject: [36519] resistor storage
Message-ID: <199903251521.IAA04947@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I knew a ham when I was a teenager that had 24 quart jars marked 10, 11,
12, 13, 15, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 43, 47, 51, 56, 62, 68,
75, 82, and 91. They were quart jars because half watters were the

smallest thing around back then. A set of plastic 24 drawers works perfect for me. Roy AB7CE, MT

Date: Thu, 25 Mar 1999 07:14:52 -0800
From: "Radman" <radman@best.com>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36520] Re: PSK31 & THE CAJUN TWO STEP
Message-ID: <199903251512.HAA03875@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Joel et al,

I own both the K2 and the IC-735. Both transceivers offer frequency stability suitable for psk31. Several of the K2 Field Testers have reported successful psk31 operation. I believe Eric at Elecraft runs this mode -- as well as beta K2-SSB !! You can contact him via the Elecraft web page (elecraft.com).

Stay warm es 72,

Conrad -- NN6CW

///snip///

does anyone kneaux if the k2 will hold steady enough for psk31?

///snip///

Date: Thu, 25 Mar 1999 07:18:05 -0800
From: <aa5yx@juno.com>
To: <qrp-1@lehigh.edu>
Subject: [36521] ? on TenTec Scout
Message-ID: <199903251518.HAA23557@disp-005.pocketmail.com>

Good morning,

A question for the Scout owners:

I like evrything I see and read about this rig and am thinking of buying one (and selling my Century 21) but have concerns regarding wear and tear on the plug-in modules. Do they seem heavy-duty enough to withstand normal band changing without developing intermittent problems? I see this as one of the only potential disadvantages of this rig.

Thanks,

John Harper AA5YX/2
<http://home.att.net/~j..harper>

Date: Thu, 25 Mar 1999 10:24:58 -0500
From: "Hugo W. Catta" <hugo@banet.net>
To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36522] Re: Resistor organizer... ?
Message-ID: <36FA554A.258A8D6D@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Radman:

Find an old leather belt ,(or two),and wrap around the resistors ordered by value. Let it hang from a nail in your work shop. At first is a little tedious job, but you will be able to know immediately when you ran out of certain value and save time scrounging around in boxes. Re-stocking is a snap. No shelf space used at all.

72, 73
Hugo
CX9AAK/W2

Radman wrote:

> Gang,
>
> What's *your* cleverest way to organize those 2,000
> resistors from the NorCal Resistor kit? I know about coin

> envelopes, parts bins and baby Zip-Lok bags... but didn't
> someone have a scheme to store resistors in vinyl
> organizer pages in 3-ring binders?
>
> My goal is to come up with a method that uses the least
> possible shelf space and offers the *fastest* way to
> locate a particular value.
>
> Thanks in advance,
>
> 72 - Conrad - NN6CW

Date: Thu, 25 Mar 1999 15:24:16 +0000
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@lehigh.edu
Subject: [36523] Grounding systems for new construction
Message-ID: <36FA5520.B589A04C@uiowa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everybody,

We're going to be starting on the construction of our first house
(we're getting out of the mobile home!) in a few weeks. Before the
foundation is dug and poured, I'd like to read up on different
grounding systems - with attention to RF and Lightning aspects. Aside
from what is in the ARRL Handbook, can anybody suggest particularly
useful resources/references? I'm getting some info on Ufer grounding,
but I'd like to look at several options.

Thanks much in advance.

--adam, ak0p
adam-kanis@uiowa.edu

Date: Thu, 25 Mar 1999 10:46:05 -0400
From: Chuck Leskie <cleskie@um-f1.umd.umich.edu>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [36524] Re: Ten Tec Scout
Message-ID: <36FA4C2D.87619551@um-f1.umd.umich.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have also considered the Scout, and had the same concern. I was concerned about the band module durability too. I would appreciate any replies on the Scout to. Also if anybody has an IC706 or ts50 or DX70 along with a Scout to compare it too, I would like to know how it stacks up?

Date: Thu, 25 Mar 1999 11:01:13 -0500
From: "David Maliniak" <dmaliniak@penton.com>
To: njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [36525] Atlanticon Prizes Update!
Message-ID: <8525673F.005956AE.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Thanks to a gracious donation by Rex Harper, W1REX, the prize list for the Atlanticon '99 QRP Forum keeps growing! I think this is a final list. At this rate, almost half of the attendees are going to leave with something! I'm getting pretty psyched and am looking forward to seeing everyone tomorrow and/or on Saturday in Timonium!

Atlanticon Prize List:

- 56. "History of QRP in the U.S.", from Jon, N3ZIL of the Eastern PA QRP Club.
- 55. "The Joy of QRP", from the Eastern PA QRP Club.
- 54. Ladder Grabber, by EMTECH
- 53. "HF Antennas for All Locations" by L.A. Moxon, G6XN, from the Eastern PA QRP Club.
- 52. Ladder Grabber, by EMTECH
- 51. "QRP Power" from Bob Berlyn, N1PWU of HB Electronics
- 50. 'T0IDS' prototyping board (comes complete with a tin of mints!) from Rex Harper, W1REX
- 49. "W1FB's QRP Notebook", from the Eastern PA QRP Club.
- 48. Ladder Grabber, by EMTECH

47. "W1FB's Design Notebook: Practical Circuits for Experimenters", from the Eastern PA QRP Club.
46. 'T0IDS' prototyping board (comes complete with a tin of mints!) from Rex Harper, W1REX
45. Ladder Grabber, by EMTECH
44. One year membership/renewal to ARCI (QRP Quarterly subscription), from ARCI
43. 'T0IDS' prototyping board (comes complete with a tin of mints!) from Rex Harper, W1REX
42. Whiterook Products Co. Model MK-33 Pocket Mini-Paddle, from the Eastern PA QRP Club.
41. A "KE6RIE Rainbow Enclosure" for your Rainbow Tuner, from the NJ-QRP Club
40. "Solid State Design for the Radio Amateur," from Bob Berlyn, N1PWU of HB Electronics
39. 'T0IDS' prototyping board (comes complete with a tin of mints!) from Rex Harper, W1REX
38. A "KE6RIE Rainbow Enclosure" for your Rainbow Tuner, from the NJ-QRP Club
37. "W1FB's QRP Notebook," from Bob Berlyn, N1PWU of HB Electronics
36. Ladder Grabber, by EMTECH
35. 'T0IDS' prototyping board (comes complete with a tin of mints!) from Rex Harper, W1REX
34. Super TiCK kit from Embedded Research
33. Bundle of QRP Quarterly back issues, from QRP ARCI
32. TiCK-EMB kit from Embedded Research
31. 'T0IDS' prototyping board (comes complete with a tin of mints!) from Rex Harper, W1REX
30. Gusher 20-20 portable QRP antenna, from N2CX
29. A "little red key" from the American Radio QRP Key Mfg Co.
28. Bundle of QRP Quarterly back issues, from QRP ARCI

27. A "little red key" from the American Radio QRP Key Mfg Co.
26. Bundle of QRP Quarterly back issues, from QRP ARCI
25. One year membership/renewal to ARCI (QRP Quarterly subscription), from ARCI
24. K3CHP's DX QSL GUIDE, from Joe Mikuckis, K3CHP
23. Bundle of QRP Quarterly back issues, from QRP ARCI
22. K3CHP's DX QSL GUIDE, from Joe Mikuckis, K3CHP
21. QRPer's Data Book, from Paul Harden
20. Bulldog Keyer kit from K9LU
19. One year membership/renewal to ARCI (QRP Quarterly subscription), from ARCI
18. Bundle of QRP Quarterly back issues, from QRP ARCI
17. "W1FB's Design Notebook," from Bob Berlyn, N1PWU of HB Electronics
16. K3CHP's DX QSL GUIDE, from Joe Mikuckis, K3CHP
15. Bulldog Keyer kit from K9LU
14. "The Art and Science of QRP," a new book from Rich Arland, K7SZ (to be published by ARRL next month)... winner receives a coupon redeemable through K7SZ
13. QRPer's Data Book, from Paul Harden
12. ZM-2 ATU, by EMTECH
11. KnightSMiTe kit for 80 meters from Bob Kellogg, AE4IC and Rich Arland, K7SZ
10. A fully loaded Fireball 40 transmitter kit (includes Amp and TiCK options), from the NJ-QRP Club
9. 40-9er kit, from N2SMH
8. One year subscription to "QEX: Forum for Communications Experimenters", from ARRL by Mark Wilson, K1RO
7. ARRL Antenna Book CD, from ARRL by Mark Wilson, K1RO
6. ARRL Handbook CD, from ARRL by Mark Wilson, K1RO

5. QST VIEW (1985-1989) CD-ROM from Bob Berlyn, W1PWU of HB Electronics
4. 44-Magnum, from HB Electronics
3. EMTECH NW80, from QRP ARCI
2. SW-40+, from Small Wonder Labs
1. NC20, from NorCal QRP Club

That should be it from me on prizes... if any others materialize, well, you'll just have to be as surprised as I'll be. Now...as that famous ring announcer likes to say,

"Let's get ready to RUMBLE!"

72, David N2SMH
for the New Jersey QRP Club

Date: Thu, 25 Mar 1999 08:15:47 PST
From: "Christopher Brewster" <brewsq@excite.com>
To: qrp-1@Lehigh.EDU
Subject: [36526] HF virgin seeks experience
Message-ID: <922378547.25495.563@excite.com>
MIME-Version: 1.0
Content-Type: text/plain

Obligations, weather, and the stars finally aligned and I got my antenna up. I'm going to try a call tonight. Unlike QRPers who attained some expertise before trying low power, I'm starting with low power (but more like 20W, not true QRP). I hope I haven't set myself too hard a challenge.

So I'm open to suggestions on how to start. I'm Tech plus, so I'm restricted to the novice bands. My antenna can handle a lot of bands. Any suggestion on where to try first? I realize this is a propagation issue, but maybe there's a short answer. Any other tips?

Rig is SG-2020, antenna is Fritzel off-center dipole.

Christopher Brewster, kc evq
brewsq@excite.com 612/475-0477
Plymouth, Minnesota

Get your free, private email at <http://mail.excite.com/>

Date: Thu, 25 Mar 1999 08:24:02 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [36527] NorCal Resistor Kit Response - WOW!!
Message-ID: <01be76db\$e58b9c80\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys the response to the NorCal Resistor Kit offer is almost overwhelming. Jim and I had no idea the kit would be so popular. We received 104 orders the first day. Thanks for the support. We still have 96 kits left, but they are going fast. If you would like a NorCal resistor kit as per the following:

Ok guys here it is. The latest NorCal Kit. We are offering a Homebrewers delight, a set of resistors from 1 ohm to 4.7M, in the following values:

1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2,
10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82,
100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820,
1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,
10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K,
100K, 120K, 150K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K,
1M, 1.2M, 1.5M, 1.8M, 2.2M, 2.7M, 3.3M, 3.9M, 4.7M

As you can see, that is a total of 80 different values, all 1/4 Watt 5% brand new resistors, and we are selling a kit of 25 of each value, for a total of 2000 resistors in the kit for \$25 plus \$4 shipping and handling in the US, \$8 shipping DX. The current Mouser catalog has a similar kit (72 values) but you only get 10 of each resistor for \$57!! You get 2.5 times the resistors for less than half the price. These resistors are brand new, Xicon brand, carbon film resistors. They will be shipped in strips of 25 of each value.

To order please do the following: Send a check or money order in US Funds only to:

Doug Hendricks
862 Frank Avenue
Dos Palos, CA 93620
USA

Please make the check or money order out to Doug Hendricks, and NOT NorCal. Also, you may confirm your order by email by sending a message with:

NorCal Resistor Kit

in the subject line. Please include your name and address in the following format so that I may print out a mailing label.

Your Name

Your Address

Your City, State & Zip

Remember, the price is \$25 for each set, plus \$4 shipping and handling for each set ordered US, \$8 DX. Please also include a self addressed mailing label, to help speed up the handling. If you don't have a mailing label, print your name and address clearly on the order.

These kits are ready to go and will ship immediately. They are perfect for those of you who want to take advantage of the opportunity to build up a supply of resistors for your junk box. How many times have you been working on a project or mod and needed a resistor and looked through the junk box and didn't have one? Supplies are limited, with only 96 of these kits are left.

Date: Thu, 25 Mar 1999 11:17:28 EST

From: PDouglas12@aol.com

To: qrp-1@lehigh.edu

Subject: [36528] Portable CD and amplified speakers needed for K5FO talk

Message-ID: <af62b796.36fa6198@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang,

Chuck, K5FO is enroute to Atlanticon and out of reach today. But he mentioned that he had an audio disk that he'd like to play for the group at Atlanticon, and my little laptop doesn't recognize its portable external CD ROM when I try to play audio on it. To digress a minute, it reads data just fine, so I know it's a driver problem, but can't figure out what it is--I have loaded the Microsoft MCI drivers for the CD, but it still doesn't make sounds. Anyone who knows this stuff is invited (begged?) to email me separately.

Anyway, if some kind (local) soul has an audio CD player and has a set of amplified speakers laying around, could they bring them on to Atlanticon? To avoid inconveniencing a whole bunch of kind souls, email me to find out if we already have a volunteer.

Thanks. CU all there.

Preston Douglas WJ2V

Date: Thu, 25 Mar 1999 10:22:39 -0500
From: W5TB <w5tb@SoftHome.net>
To: cleskie@um-f1.umd.umich.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36529] Re: Ten Tec Scout
Message-ID: <v04011704b320047f628f@[10.4.12.197]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:46 AM -0400 3/25/99, Chuck Leskie wrote:
>I have also considered the Scout, and had the same concern. I was concerned
>about the band module durability too.

I have a scout and am **very** happy with it as a portable rig (although I also often find myself using it in the shack in lieu of the Omni V). No Problems with the modules -- I lined a metal lunch box with packing 'bubbles' to carry the ones not in use - works great. I put together a page of scout testimonials I came across while making up my mind. It's at

<http://www.qsl.net/w5tb/scout.html>

no conection with TT, but a very satisfied customer.

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Thu, 25 Mar 1999 16:20:22 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-l@lehigh.edu
Subject: [36530] What to do with 2000 resistors
Message-ID: <3.0.16.19990325161938.2e3f7052@som-uky.campuscw.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

When you order the NorCal resistor kit, don't forget that you'll need someplace to put them.

I use those plastic drawers with the divider walls, you know, the Akro-Mills type drawers. Try to find the ones that will accept more than 3 dividers. I prefer the clear ones. Years ago, my brother gave me several nice commercial quality akro-mills drawer sets that his company was throwing out! They were next to new, and he said there were probably 25 more that he left there in the garbage heap. I know I'm digressing, but that story still haunts me.

Anyway, use the drawers to sort your resistors. But don't use a divider for each value - believe me, you'll soon be running out of dividers and drawers. Instead, make a section for values up to 1 ohm, another from 1 to 10 ohms, another for 10 to 100 ohms, and so on. Label the drawers.

The advantages are two-fold. First, you'll be saving drawer space for other components (like the NorCal capacitor kit?). Second, you'll still need to exercise your knowledge of the resistor color code, but you'll find that it's *much* easier than sifting thru hundreds of different values.

I know this all may sound like common sense, but maybe this will help a few of you.

And when you call akro-mills, tell them I sent you so they can keep track of my referral compensation.

Happy trails to all the Atlanticon travellers, have a great weekend. I'm going fishing with my xyl Saturday. It's good to get outside every so often, even if it's not QRP.

tu de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Thu, 25 Mar 1999 11:33:45 -0500
From: Don Lefrancois <wb1cdh@cwix.com>
To: QRP-L <QRP-L@Lehigh.edu>
Subject: [36531] Gel Cell Info--Formal Thanks
Message-ID: <006101be76dd\$54d5cba0\$a7483ea6@0302316260447626>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Everyone,

I received the shock of my life with the reception I got when asking for info concerning methods of charging gel cells. Not in my wildest dreams did I suspect there was such a vast amount of knowledge concerning this item.

I want to formally thank everyone that replied to my request. Some wrote just a few lines and others took a lot of time composing an in depth explanation of whether I should even try to recharge this battery and if it was worth it how I should do so in a safe manner.

The following I would like to thank personally

Joel Malman
Ron Stark
Arjen Raateland
Robert P. Okas
Steven Weber
Bruce Muscolino
Steven Weber
Gary Surrency----- (A real thesis on the subject)
Martin Allen
Clay N4AOX
Eric Jessen
Norm Melick
BigBob WB2DHK
Mike KI0AF
Dave Marling

Many thanks to all

Don/K1NNP
Jewett City, Ct.

Date: Thu, 25 Mar 1999 08:37:29 -0800 (PST)
From: Theodore Wong <wong_th@eng.printronix.com>

To: qrp-1@lehigh.edu
Subject: [36532] NC-20 AFA Problem
Message-ID: <199903251637.IAA06897@taz.primtronix.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-MD5: F/YkT7dtme6XcXV0o+5Z0A==
Content-Transfer-Encoding: 7bit

Hello All,

Just completed the AFA section of the NC-20 and the AFA just sits there and mocks me by only sending "v". I'm assuming this is normal, even though it is not one of the three choices specified in the manual when the VFO is not within range of the AFA? Also if the frequency is off, is there a way to tell whether I have one turn too many or too few on L1 or is it by trial and error? Thanks in advance for your help.

Regards,

Tedd AB6CO

P.S A non-QRP related question. How difficult is it these days to get a vanity call sign? I was so bummed when I got my Extra and all the 2X1 calls were gone. I like my current call sign but a 2X1 would be nice. I guess I'm just "vain" :) You could reply direct on this one so as not to tie up the reflector.

Date: Fri, 26 Mar 1999 12:17:38 -0500
From: "Jerry W. O'Dell" <jwodel@ameritech.net>
To: qrp-1@lehigh.edu
Subject: [36533] resistors
Message-ID: <19990325181431.BUDY5561@default>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I can't help this:

When I was 16, my dad got me a job in an electronics factory. Things were slow, so the boss got out a box of 1/2 watt resistors fully six feet long by 4 feet wide and 3 feet high, and said: "Sort them out".

Took weeks -- had some little drawers on the wall that they all eventually went into. Must have been hundreds of thousands of the things.

I did learn the color code, very well.

73 jerry w8gnd

Date: Thu, 25 Mar 1999 11:28:28 +0500
From: Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
To: qrp-l@Lehigh.EDU
Subject: [36534] 2N4416...Got one! TNX.
Message-ID: <103110702b31f8664012f@[209.181.171.198]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Folk,

TNX for the quick response everyone. I had several people who were able to find one for me. QRP-L ... the junk box the size of the planet. By box is your box!

Tim
KB9LGJ

Date: 25 Mar 99 09:32:04 PST
From: Michael Fletcher <kl7ixi@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [36535] Query on NorCal Kit pricing
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

What's so great about the price for the resistors? I'm finishing up my=

order to Halted (HSC) and noticed that their 1/4 watt 2% or 5% tolerance carbon resistors in quantities 1K - 5K are \$.008 ea with a 10 piece per v=alue minimum. A order for 2,000 resistors works out on my calculator to \$16 pl=us \$5 UPS shipping. =

I'm ordering resistors, capacitors and toroids in the values that I'm =most likely to use, according to the QRP Homebuilder Workshop Ideas Junk Box 1=

01

article (see <http://qrp.pops.net/qrp/workshop.htm>). Another order to Dan=
's

Small Parts should round out my needs for some planned deadbug projects.

72,

Mike KL7IXI/4

Norcross, GA

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Thu, 25 Mar 1999 10:31:42 -0700
From: John Evans <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [36536] atlanticon xportation fri eve
Message-ID: <36FA72FE.E502F54B@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

greetings,

I am still researching my options, but currently, I am in need of transportation to/from the Atlanticon lobby from the Columbia, MD area. I am staying with relatives and fri night is the only night I do not have access to an auto.

I am looking into rental car access as an alternative but want to cover all bases.

If you think you might be able to help, even if it is only with transportation to the hotel for the trip to Hubble central, I'd appreciate it.

Email me at jaevans@codenet.net or page me at (800) 706-2957.

tnx much es 72 - john - n0hj

Date: Thu, 25 Mar 1999 12:58:03 EST
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu

Subject: [36537] Have a CD player for K5F0, thanks
Message-ID: <74874a01.36fa792b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Two guys have offered to come with boom boxes, which should do the trick. I have asked them both to bring 'em, so that's plenty!
Thanks, guys.
Preston WJ2V

Date: Wed, 24 Mar 1999 09:00:14 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "sda" <sda@bellsouth.net>, "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [36538] Re: NC20 problem (section 10 - AFA)
Message-ID: <006301be76ea\$97e7d390\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excellent! Hope to catch you on the air sometime.

Mike K1MG

>Twisted TC1 slightly, and all was well.
>Thanks,
>
>Todd

>>Good thinking to look at the crystal. I suspect that it is OK,
>>though. Most likely, your VFO is not in the right frequency range.
>>Try adjusting the VFO cap to see if you can get it to work.
>>
>>Mike K1MG

Date: Thu, 25 Mar 1999 13:10:01 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [36539] Re: QRPTTF from NH/ME Border
Message-ID: <36FA7BF9.43F5@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

k5zty@juno.com wrote:

> You should be physically in the state that you are claiming. You can't
> legitimately give a confirmation of a contact from Oklahoma while you are
> in Texas. If you are going to compromise the integrity of the WAS
> award, how much is ok and who draws the line and then how close to that
> line do you have to be? If it's ok to confirm RI from VA then is 10 watts
> close enough to 5 to be QRP. I only need HI for WAS, is that close
> enough? Close only counts in horseshoes.

Hi, Bill,

There is a distinction that I think needs to be made here. The QRPTTF rules address how close is close enough *for the QRPTTF* contest.

ARRL's WAS rules, and I believe ARCI's rules, would require that the contact take place from within actual state borders. I checked with the ARRL WAS folks and if a station is operated ON a state line, with parts of the station and antenna in two or more states, the contact may be claimed for either, but not both, states. If I work from a lake in VT whose other side is in NH, I may claim VT and NH for QRPTTF, but will confirm by QSL the VT contact. The WAS folks told me that the criteria that they use to determine how to apply a QSL card is the information on the card and the statements of the applicant. If you accept the station as being in a state you want to confirm and the card indicates such, turn it in for your WAS award because an award means no more or less than what it means to YOU!

Other awards, such as county hunting, have different rules, where a multi-county contact counts for multiple counties, the road sign that shows the county line is considered close enough to the actual line, etc.

73,
Ed Hare, W1RFI
ARRL Lab

Date: Wed, 24 Mar 1999 16:12:30 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [36540] Birth announcement photo
Message-ID: <006801be76ea\$986b0d50\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Every announcement has to have a photo!

Check out the new baby at

<http://www.qsl.net/k1mg>

Mike K1MG

Date: Wed, 24 Mar 1999 08:55:00 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [36541] birth announcement
Message-ID: <006101be76ea\$97bcf300\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After a much prolonged gestation, we are pleased to announce the birth of another new K2!

My daughter and I put in the last screw yesterday afternoon, went through the alignment process and put it to the test.

First QSO was with 5N3CPR in Nigeria. Received an honest 559 and compliments on the nice QRP signal.

Second QSO was a nice chat with Wayne K8FF, famous designer of the NorCal K8FF paddles. He was running an NC20 and K8FF paddles.

Third QSO was a short one with notable Team Apathy member, K7TQ, Randy. I had to QRT at this point for dinner call, but I promise a longer QSO in the near future Randy!

All gave good reports on the K2 signal.

The toroids were a breeze. Of course, that's because my daughter wound them! The whole rig went together without mishap and worked the first time.

I used Kester 44 and cleaned the flux with Radio Shack flux cleaner. My boards are whiter than white, brighter than bright, with no unsightly stains.

Mike K1MG

Date: Thu, 25 Mar 1999 10:09:54 -0800
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [36542] Band to start on
Message-ID: <19990325.100955.-3187635.2.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

IObligations, weather, and the stars finally aligned and I got my antenna up.

I'm going to try a call tonight. Unlike QRPers who attained some expertise

before trying low power, I'm starting with low power (but more like 20W, not

true QRP). I hope I haven't set myself too hard a challenge.

Chris, I am using a Icom 706 and I cut the power down to 10 to 20 watts for my QRO contacts. I am also using a 64 ft. doublet up in the rafters of my garage. About 6 to 8 ft. below the ant. are two cars, a Hugh steel storage rack, a workbench and a 50 gal water heater. I feed the ant. with ladder line and use a MFJ tuner. With this unlikely set up I have worked

all over the country and even DX into Japan.

My favorite band is 40M, it is open when I get to go out to the garage and play, and the people are very friendly and helpful. You can make a contact just about anytime on 40M, although, nite time is best. BTW, I also use my QRP rig with the ant. and work all over the West coast and AZ, NV, ID and UT.

Try it , you'll like it.

72

Bill

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 25 Mar 1999 18:25:58 -0000

From: tf3vst@vortex.is (Villi Idunni)

To: <radman@best.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [36543] Re: Resistor organizer... ?

Message-ID: <001001be76ec\$eea36e40\$020000003@digranes>

For this kind of stuff I use small transparent zip-lock plastic bags with a white strip printed on, that can be written on. The size is 70mm wide 115mm high. The transparency is a factor to me, being able to inspect the contents w/o having to open the bag. Then I use some diskette carton containers (from Ikea) to keep the bags in, each box takes abt. 30-40 semi full bags.

73, Villi TF3VS

-----Original Message-----

From: Radman <radman@best.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Thursday, March 25, 1999 2:18 PM

Subject: Resistor organizer... ?

>Gang,

>

>What's *your* cleverest way to organize those 2,000

>resistors from the NorCal Resistor kit? I know about coin

>envelopes, parts bins and baby Zip-Lok bags... but didn't

>someone have a scheme to store resistors in vinyl

>organizer pages in 3-ring binders?

>

>My goal is to come up with a method that uses the least

>possible shelf space and offers the *fastest* way to

>locate a particular value.

>

>Thanks in advance,
>
>72 - Conrad - NN6CW
>

Date: Thu, 25 Mar 1999 10:42:44 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [36544] NorCal Resistor Kit pricing
Message-ID: <01be76ef\$45c43360\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike, your question about the resistor kit pricing is valid. I go to HSC quite often and when I first thought of the idea of a resistor kit, I went there to check out their supply. I found the following to be true.

1. They did not have many, many values.
2. Many of their resistors were very old stock.
3. Not all were from the same manufacturer.

Plus, I think that you misunderstand the pricing. The only way that you will get the .008 per resistor price is if you order 1000 of one value. I know, because I buy resistors there all the time. The 10 resistor minimum means that you can't order just 1 or 2 resistors, you have to order 10 or more of each value. You cannot combine an order of 80 values, 25 of each value and get the .008 pricing. It just doesn't work that way. The price that you would pay would be .02 per resistor, and you would be paying \$40 for the set. But you would not be getting the resistors from the same manufacturer, you would not be getting new parts, and you would be getting all styles of resistors.

It would have been impossible to even come close to doing any kind of quantity of kits with anywhere near the assortment of surplus resistors that was offered.

All of the resistors in the NorCal kit are brand new. When you offer a resistor assortment, you need to be able to supply all values, and in quantity. We believe that the assortment offers excellent value for the money. The resistor kit is offered as a convenience to the members of this list. I am not trying to start a flame war, but the question was asked in a

public forum. By the way, if you order the same resistors from Mouser, the cost would be .07 each to order 25 of 80 different values and 2000 resistors would cost you \$140.

One needs to compare apples to apples, and oranges to oranges. New resistors to new resistors, surplus resistors to surplus resistors.

72, Doug, KI6DS

Date: Thu, 25 Mar 1999 13:49:56 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w1rifi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36545] Re: QRPTTF from NH/ME Border
Message-ID: <004201be76f0\$483c69e0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>k5zty@juno.com wrote:

>

>> You should be physically in the state that you are claiming. You can't

>> legitimately give a confirmation of a contact from Oklahoma while you are

>> in Texas. If you are going to compromise the integrity of the WAS

>> award, how much is ok and who draws the line and then how close to that

>> line do you have to be? If it's ok to confirm RI from VA then is 10 watts

>> close enough to 5 to be QRP. I only need HI for WAS, is that close

>> enough? Close only counts in horseshoes.

>

>Hi, Bill,

>

>

I

checked with the

>ARRL WAS folks and if a station is operated ON a state line, with parts

>of the station and antenna in two or more states, the contact may be

>claimed for either, but not both, states.

>

>73,

>Ed Hare, W1RFI

>ARRL Lab

Didn't there used to be a rule for borders that once you declared the state, that was the state unless you moved 100 yards?

Mike Yetsko
N1DVJ

Date: Thu, 25 Mar 1999 11:38:31 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: aa5yx@juno.com, qrp-l@Lehigh.EDU
Subject: [36546] Re: ? on TenTec Scout
Message-ID: <19990325193839.6160.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

John and the Gang--

Like everything else about the Scout, the modules are extremely rugged. The only trouble I've ever had is that one of my modules was a bit stiff at first, but the problem went away with use. All of the modules are quite secure when installed in the rig. It may seem a bit disconcerting that the removal lever bends quite a bit before the module comes out, but the levers appear to be made of carbon fiber or something similar, and work very well. If you ever have any problems with the Scout, my experience with Ten-Tec is that their service department will bend over backwards to help out.

I found a container which works very well for the storing the eight extra Scout modules when not in use: It's a Rubbermaid "servin' saver," 1.7 L size, also designated with a letter F. Enjoy! 72, Bruce Prior
N7RR in Blaine, WA n7rr@hotmail.com

>
>A question for the Scout owners:
>I . . . have concerns regarding wear and tear on the plug-in modules. Do they seem heavy-duty enough to withstand normal band changing without developing intermittent problems? I see this as one of the only potential disadvantages of this rig.
>
>Thanks,
>
>John Harper AA5YX/2
><http://home.att.net/~j..harper>

>
>
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: 25 Mar 1999 14:50:20 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;
Subject: [36547] New resistors vs. old resistors
Message-ID: <1999Mar25.145020-0500@[130.113.234.7]>

Doug Hendricks makes a specific point that the NORCAL resistors kit contains new resistors, not old ones.

What's the difference, you ask?

I have a junkbox that goes back 25 years. If I measure the resistance of some of those old resistors, they're mostly out of tolerance.

- Part of a resistor's tolerance has to do with variations in the manufacturing process.
- Part of its tolerance involves temperature effects (temperature coefficient).
- Part of its tolerance involves aging.

This brings up another point. When you buy a 1% tolerance resistor, all three of the above mentioned effects are improved over a 5% tolerance resistor. You might be tempted to "select" a 5% resistor to substitute for a 1% part that a circuit requires. If you do, don't expect it to hold its value for any length of time.

Glen VE3DNL

Date: Thu, 25 Mar 1999 14:02:23 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [36548] WI QRP Club
Message-ID: <8625673F.006DA7DC.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Does anyone know anything about the Wisconsin QRP Club??? A bunch of QRP ops in the state are getting organized and would like to adopt that name but we see it is used in a couple of QRP club databases. I heard at one time some folks sent some dues to the po box listed but never got anything back. so we want to make sure we're not going to inherit a bad reputation or have some guy come out of the woodwork claiming he owns the name. We suspect it is presently defunct and just never got off the ground.

Brian AE9K

Date: Thu, 25 Mar 1999 15:14:49 EST
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [36549] Inverted *V* antenna update
Message-ID: <5cd1725f.36fa9939@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang.
First i want to thank everyone who mailed me with tips and some educational material.
After spending about 5 hours clipping bit by bit, here are the results.
14.000=1.3-SWR

-
14.100=1.4-SWR
14.200=1.5-SWR
14.300=1.5-SWR
14.400=1.7-SWR

This is good enough for me as I was 5X5 with under very bad band conditions with YL3ZS at 0700 UTC
I was going to drop it today and measure each leg but it's hearing very well. Everyone told me to trash the Balun.
I did.
I'm on the 4th floor and that puts my antenna appx. 65 feet above the ground with the APEX about 80 feet.
One leg is in the *CLEAR ZONE* but to keep the other leg away from the mast, it's about 3 feet up off the roof.
Back to the roof.!

I'm trying to get the 17 and 15 up today.
Again,
Thanks to all for you'r help.
BTW
I have another MFJ 30-M for sale.\$65.00 shipped.
No options
72/73
Bob
WA2HOQro <tm>

Date: Thu, 25 Mar 1999 14:58:38 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <brewsq@excite.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36550] RE: HF virgin seeks experience
Message-ID: <011601be76f9\$dfe95e20\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Chris... well, as you mentioned: propagation is probably going to be 30M or below. Sometimes 20M can be open all night, but I don't know if we're far enough along in the cycle for that to be true (I'm still working on my K2.) @0M TENDS to be a better place for higher power anyway. You didn't say whether you meant CW or SSB. It does matter, but probably the methods are the same. Look for existing QS0s and call one or the other when they finish. Calling CQ is not as likely an avenue to a QS0 as this can be. You might look for QS0s on or near the QRP freqs-operators there are going to be more interested in low(er) power signals. As your confidence increases, go ahead and lower that power to 5W. You'll find it works just about as well-often with little or no difference in sig reports. AFTER you get a nice 579 or 589 sig report is the time to let them know you're QRP (or nearly so.) It amazes many non-QRP ops, and is a lot of fun. I don't personally think much of 40M SSB. Its VERY loaded with carriers from foreign BDCST stations. You can do OK on 75M SSB however... despite 75's reputation, most of the OTs I have QS0'd there on SSB were very nice about talking to a QRP station, and quite willing to continue the QS0.

Bottom line: LISTEN!!! Then transmit.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@mindspring.com
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

A small bell on a Christmas tree tinkles:
"Dear George, No man is a failure who has friends.
Love, Clarence"

Date: Thu, 25 Mar 1999 12:33:58 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <hamjoel@juno.com>, "George T. Baker" <w5yr@swbell.net>
Subject: [36551] K2 on PSK31... clarification
Message-ID: <199903252031.MAA14927@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Just to clarify my prior post regarding K2 suitability for
PSK31 --

Some of the K2 Field Testers have reported excellent PSK31
receive performance using a sound card. This is
accomplished with the K2 in USB mode, using a narrow
filter setting. We Field Testers have _not_ yet been able
to test K2 PSK31 *transmit,* as the K2 SSB adapter is not
yet shipping from Elecraft. My opinion is the K2 certainly
has the frequency stability to handle PSK31, based on my
own testing of K2. It's a very stable rig.

BTW, I just had a quick phone chat with Eric at Elecraft
HQ, and he'll be incorporating some level of PSK31 testing
as the K2 SSB adapter matures.

For more detail you'll want to visit: "elecraft.com"

72 - Conrad Weiss - NN6CW ... a K2 Field Tester

ps... I'll have a K2 article for you soon... :-)

Date: Thu, 25 Mar 1999 15:24:33 -0500
From: Don Lefrancois <wb1cdh@cwix.com>
To: QRP-L <QRP-L@Lehigh.edu>
Subject: [36552] Gel Cell Recap
Message-ID: <002101be76fd\$92be48a0\$e2483ea6@0302316260447626>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

I will try to put together a recap of the Gel Cell info I received. I was not aware that many of these messages were not going out to QRP-L at large. They were coming in at such a rate of speed and the volume to be read was so much that it never crossed my mind. May Try to paste them end to end since "context" of the info is important . Should I try to summarize I may degrade the point the author wishes to make.

This may take a while..

Don/K1NNP
Jewett City, Ct.

Date: Thu, 25 Mar 1999 14:35:22 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <brewsq@excite.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [36553] RE: HF virgin seeks experience
Message-ID: <000001be76ff\$10a8f980\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My first rig was a rebuilt (lightning damaged) 25 watt rig that was crystal controlled. It had 80, 40 and 15 meters. I found that I could make more contacts on 40 meters at night. I was first licensed in 1975 which wasn't the best time for HF but was on its way up. So to answer your question 40 meters would be the best for a beginning QRP if you are restricted to Novice bands. HOWEVER 15 meters does have lower noise this time of year but is much less active.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Christopher Brewster
> Sent: Thursday, March 25, 1999 10:16 AM
> To: Low Power Amateur Radio Discussion
> Subject: HF virgin seeks experience
>
>
> Obligations, weather, and the stars finally aligned and I got
> my antenna up.
> I'm going to try a call tonight. Unlike QRPers who attained
> some expertise
> before trying low power, I'm starting with low power (but
> more like 20W, not
> true QRP). I hope I haven't set myself too hard a challenge.
>
> So I'm open to suggestions on how to start. I'm Tech plus, so
> I'm restricted
> to the novice bands. My antenna can handle a lot of bands.
> Any suggestion on
> where to try first? I realize this is a propagation issue,
> but maybe there's
> a short answer. Any other tips?
>
> Rig is SG-2020, antenna is Fritzel off-center dipole.
>
> Christopher Brewster, kc evq
> brewsq@excite.com 612/475-0477
> Plymouth, Minnesota
>
>
>
>
> -----
> Get your free, private email at <http://mail.excite.com/>
>

Date: Thu, 25 Mar 1999 13:38:33 -0700
From: John Evans <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [36554] re: atlanticon xportation fri eve
Message-ID: <36FA9EC9.75F4D771@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings All,

Looks like I have a ride for Friday night. Paul Helbert, WV3J, has graciously offered me transportation to the hotel Friday afternoon. Thanks all - look forward to meeting and making friends here.

tnx much es 72 - john - n0hj

Date: Thu, 25 Mar 1999 13:02:46 PST
From: "lane cox" <lanecox@hotmail.com>
To: qrp-l@lehigh.edu
Message-ID: <19990325210246.1448.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

I just built a 30 meter receiver and transmitter. Every thing is working ok but my question is-which side of the transmit signal should I tune the receiver to. Do they use the upper or lower sideband on 30 meters?

Thanks N6NLB

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Date: Thu, 25 Mar 1999 16:25:32 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [36556] Cajun two step... and pssssssk31 waltz
Message-ID: <19990325.162757.-288337.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

High folks and folkets (I guess)

well Bob and a few others suggested that I put the afc on when I answer a cq

and the afc off and the net on when I call cq

well I tried this and worked a ut sumthin or other and the drifting seemed to stop...

guessing I messed up ;again...

I had a few offers on some good rigs and I thank you guys... however the cajun belle in my life says she agrees with my cajun mama.... "if it an't

broke don't buy him another one".....
tERRRIBLE situation

guess I'll have to settle for shrimp creole tonite
joel
displaced cajun, in maine, north of louisiana...

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Date: Thu, 25 Mar 1999 16:34:18 -0500
From: Randy Randall <RANDALLR@Healthall.com>
To: qrp-1@Lehigh.EDU
Subject: [36557] WM SSB and Contentall kit info thanks for the replys
Message-ID: <s6fa65ba.064@Healthall.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Thanks to all who replied to my post. The consensus is that if I want a kit that works well without tinkering and much fussing over the assembly to get the White Montan kit and be done with it. Are there any other SSB kits out there in the \$150.00 range? I am not interested in the Ramsey kit because of the cost and is kinda large.

Thanks,
Randy KB8AS0

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
3200 Burnet Ave. Room 4618
Cincinnati, Ohio 45229
Ph. 513-585-7146
E-mail randallr@healthall.com

!

!

Date: Thu, 25 Mar 1999 15:30:23 -0500
From: W5TB <w5tb@SoftHome.net>

To: w1rfi@arrl.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36558] Re: QRPTTF from NH/ME Border
Message-ID: <v04011703b3204cf971a7@[10.4.12.197]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>There is a distinction that I think needs to be made here. The QRPTTF
>rules address how close is close enough *for the QRPTTF* contest.... If I
>work from a lake in VT
>whose other side is in NH, I may claim VT and NH for QRPTTF, but will
>confirm by QSL the VT contact.

tnx Ed -- I'll do likewise. I hope to operate from the Texas shore of Lake
Texoma. If so I'll send tx/ok for the QRPTTF exchange but the QSL card
will be for an operation from Texas.

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Thu, 25 Mar 1999 17:19:16 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [36559] FS: Icom IC-737A complete station & Butternut HF2V Vertical
Antenna
Message-ID: <199903252220.RAA25508@pimout3-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I'm posting this for a friend of mine locally. Please if you are
interested contact Lenny directly. Thanks for the consideration.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

I have for sale a complete Icom station which consists of the following equipment:

IC737A Transceiver (covers 10-160 mtrs)

100 Watts

PBT - Pass Band Tuning

100 memories

Internal Automatic Antenna Tuner

Dual Antenna Jacks (2 antenna ports)

etc,etc, etc,etc,

IC - PS15 Matching Power Supply

IC - SP3 Matching Speaker

IC - SM6 Matching Desk Mike

Will sell as complete station ONLY. Non-Smoker, never been repaired, original

owner. WILL SELL ALL OF THE ABOVE FOR \$850.00 (FIRM!!)

Also have the Butternut HF2V (40/80 mtr) Vertical. Brand new in the box.

Will

also throw in the add on accessory called the Top Loading Kit which gives extended coverage on 80 mtrs - Also Brand New In The Box!

Will Sell Both for \$175.00 (Firm!)

Anyone interested in any of the above, or know of someone interested in a great Rig, call me at: (718) 336-5478.

TNX & 73,

Lenny - K2LAM

E-Mail: HAMOPCQ@AOL.COM

Date: Thu, 25 Mar 1999 17:43:17 -0500 (EST)
From: "John L. Sielke" <n4js@pobox.com>
To: Radman <radman@best.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36560] RE: K2 on PSK31... clarification
Message-ID: <XFMail.990325174317.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I was using the K2 on PSK receive) and opied numerous Europeans. I didn't even think until now that I was in CW mode, with the F2 filter in. Worked FB, and was plenty stable enough.

On 25-Mar-99 Radman wrote:

>
> Some of the K2 Field Testers have reported excellent PSK31
> *receive* performance using a sound card. This is
> accomplished with the K2 in USB mode, using a narrow
> filter setting. We Field Testers have _not_ yet been able
> to test K2 PSK31 *transmit,* as the K2 SSB adapter is not
> yet shipping from Elecraft. My opinion is the K2 certainly
> has the frequency stability to handle PSK31, based on my
> own testing of K2. It's a very stable rig.

/\ /\ /\ /\ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
//_/_/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Sat, 26 Dec 1998 22:48:20 -0500
From: Andy C Meng <andymeng@juno.com>
To: qrp-1@lehigh.edu
Subject: [36561] keyer + SW40+ = awful sidetone
Message-ID: <19981226.224824.4062.0.andymeng@juno.com>

I have spent the last few days putting together the K1EL K10 keyer. I also got the PCB which just became available. It is a nice, silkscreened board and feature-jammed keyer for 10 bucks. I homebrewed a set of paddles. I have been playing with them for a day now, and they're working great. It's really neat to send timed code, I do need a lot of practice though.

Well, for the real test: do they work with the radio? I plugged the keyer output into the radio, (SW40+) and I was rewarded with an awfully loud blast of sidetone! However, when the keyer keys, the sidetone drops to a normal level. With the LOUD sidetone, the output power is about 1/2 a watt, but when it keys and goes to normal sidetone, the power goes up to 2W (what I set it for).

This loud tone is also there whenever I have the keyer plugged into the keyer. When I take the plug out it goes away. This loud tone is also present present when I

put my finger across
the key terminals of the rig. I suspect it has to do with resistance
across the terminal, not
0 ohms

Has anyone else experienced this phenomenon? Does anyone have any advice
on how
to get the keyer to key the SW40+ properly?

Thanks!

73 de KC8KFI Andy
QRP-L #1813 Cincinnati, OH Total HF CW QRP contacts: 23
e-mail: andymeng@juno.com URL: <http://www.qsl.net/kc8kfi/>
SW-40+ running 2W into a Dipole at 24ft. and straight key
HTX-202, KPC-3, and Garmin 45

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Date: Thu, 25 Mar 1999 15:06:34 PST
From: "Justin McAllister" <kd5ako@hotmail.com>
To: qrp-l@Lehigh.edu
Subject: [36562] How would a 5/8 wave dipole work?
Message-ID: <19990325230635.20769.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Hello to all...just thinking about an easy, quick antenna that would
provide gain on 40M (or any band, I guess).

How bout a 5/4 wave dipole (5/8 wave each side)? It would be more than
twice as long as a normal dipole, and 5/8 is a normal combination used
at VHF+ with a ground plane. So, would it have enough gain to be worth
making, and would it tune easily, using no tuner, with at least a 100
kHz 1.7:1 SWR window(I like to keep it low for the QRP stuff!)?

I know, I know, try it, and I will, but just thought I'd get some
feedback before the trouble.

Justin McAllister, KD5AK0
Weatherford High School ARC President
QRP-L 1849

ARS 491

NorCal, ARRL, TCARC-NTX

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Date: Thu, 25 Mar 1999 15:22:23 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: kd5ako@hotmail.com, qrp-l@lehigh.edu
Subject: [36563] Re: How would a 5/8 wave dipole work?
Message-ID: <36FAC52F.3B32@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What you describe is basically a double-extended Zepp. It gives about 2 dB or so over a standard dipole. A nice article outlining an improvement on the standard scheme can be found in the ARRL Antenna Compendium, Vol 4 (or 5, I am not at home to check!). The author inserts some capacitance at strategic places to improve the sidelobe suppression and slightly widen the main beam. I think he feeds it somehow with coax, but not sure.

A 5/8 wave vertical works well because it compresses the energy into a lobe that hugs the ground very closely. There is only a slight lobe (almost straight up) that exists other than the ground-hugging lobe. But, if one increases the length to 3/4 wave, it goes to pot and puts over 1/2 the energy into high angle lobes. The corresponding effect for a $3/4 \times 2 = 3/2$ wave center fed antenna is the main lobes are no longer at 90 degrees to the antenna. But then sometimes a cloverleaf pattern is what you want.

You can get more gain using the extra wire as a reflector or perhaps a second driven element. Look into the Moxon, a variant of the yagi with a superb F/B ratio.

73

Allan K7GT

--

	/	
	/	
Allan Taylor, PE K7GT	/Z \	
k7gt@arrl.net	/ /599 \	QRP-L 1016 FISTS 3222
operating nr SF/Oakland CA	/_ /_/_/_/_\	ARS 228 10X 69929
..."QRP, QRO, or barefoot..."	[\-----/	DXCC 8171/CW 1395/40m

~~~~~  
-----  
Date: Thu, 25 Mar 1999 16:40:07 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: "lane cox" <lanecox@hotmail.com>, qrp-1@lehigh.edu  
Subject: [36564] Re: 30M offset  
Message-ID: <199903252339.QAA00059@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Hi, Lane es group--

>>which side of the transmit signal should I tune the  
receiver to. Do they use the upper or lower sideband on 30 meters? <<

Interesting question, and I'm curious to see what others will say.

In practice it probably makes no difference, as long as you know where you are going to transmit. For example, if you have set your rig for "upper sideband" or a minus transmit offset and are listening right above the band edge, then you could transmit out of band. Similar caution applies at top of band with "lower sideband." Apart from that it shouldn't matter much.

My "main" station rice box allows you to select either, and that capability can be handy for getting away from interfering signals sometimes. Generally speaking, though, on bands where sideband can be used it is more or less customary to use the same sideband as would be used for SSB, so that you can in theory switch back and forth between modes without having to retune.

The "rule" has always been upper sideband on 20M and above, lower sideband below 20M, but of course that's not really relevant on 30M, at least for us here in this part of the world.

Another customary application is to set it so that you hear the received pitch going down as you tune down the band, and vice versa.

The above comments are "all else being equal" type comments, and I think there are situations with single band transceivers where tuning to the "wrong" side will have you listening outside the passband of the IF filter.

Now I know the above is probably not really helpful, so maybe someone else will come up with a better answer [g].

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

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-----  
Date: Thu, 25 Mar 1999 15:54:03 -0800

From: Jim Lowman <jmLowman@ix.netcom.com>

To: aa5yx@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [36565] Re: ? on TenTec Scout

Message-ID: <36FACC9B.122B35F3@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

aa5yx@juno.com wrote:

>

> Good morning,

>

> A question for the Scout owners:

> I like evrything I see and read about this rig and am thinking of buying one  
(and selling my Century 21) but have concerns regarding wear and tear on the plug-  
in modules. Do they seem heavy-duty enough to withstand normal band changing  
without developing intermittent problems? I see this as one of the only potential  
disadvantages of this rig.

Hi, John...

I raised exactly the same question, before I bought a nice  
Argo 556 (5w little brother of the Scout).

Without one dissenting vote, I was reassured that there was  
no problem with wear and tear on the modules or connector.

72 de Jim - AD6CW

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End of QRP-L Digest 1406

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